

RISING (TH SUMMER SPEED DRILLS

ebdVSv fZWeWd[^e agf ahWd fZWeg_ _ Wd fa ef Sk XdWeZ a _ SfZ XSUfež

dW a dV ka gd f [_ W S` V e Ua dW a ` f Z [e f a b e Z W W S` V Y [h W f
f a ka gd f W S UZ W V g d [` Y f Z W X def i W W a X e UZ a a ^ z

$d[e] \sim Y(fZ \text{ eg}_- \text{ WfSdY}W f _ \text{ W},$
 SVV[f[a \ ` \ \text{ legTf dSUf [a \ ` \ \text{ l} \ _- g \ ^f [b^{\wedge} \text{ USf [a \ ` \ \check{Z}2 \ 1/2 \ _- \ [\ ^f \text{ gfW}
 $\text{ V[h[e[a \ ` \ \check{Z}3 \ _- \ [\ ^f \text{ gfW}}$

- 1 MULTIPLES & MULTIPLIERS THROUGH 12
 - 2 DIVIDENDS THROUGH 12
 - 3 ADDENDS THROUGH 18
 - 4 MINUENDS THROUGH 18
 - 5 MULTIPLES & MULTIPLIERS THROUGH 12
 - 6 DIVIDENDS THROUGH 12
 - 7 ADDENDS THROUGH 18
 - 8 MINUENDS THROUGH 18
 - 9 MULTIPLES & MULTIPLIERS THROUGH 12
 - 10 DIVIDENDS THROUGH 12
 - 11 MIXED
 - 12 MIXED

$$1) \quad \begin{array}{cccccccccc} & 6 & & 1 & & 2 & & 12 & & 5 & \\ & \times & 7 & & \times & 2 & & 12 & & 10 & \\ \hline & 42 & & 2 & & 24 & & 144 & & 50 & \end{array}$$

$$2) \quad \begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array} \quad \begin{array}{r} 11 \\ \times 1 \\ \hline 11 \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array} \quad \begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array} \quad \begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$

$$3) \quad \begin{array}{ccccccccccccccccc} 7 & & 7 & & 5 & & 8 & & 2 & & 7 & & 12 & & 5 & & 6 & & 11 \\ x 12 & & x 8 & & x 9 & & x 9 & & x 6 & & x 3 & & x 2 & & x 7 & & x 3 & & x 12 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 4 & & 2 & & 4 & & 2 & & 9 & & 4 & & 10 & & 3 & & 3 & & 5 \\ x & 8 & x & 7 & x & 3 & x & 1 & x & 8 & x & 5 & x & 1 & x & 12 & x & 4 & x & 4 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 3 & 9 & 3 & 12 & 6 & 5 & 10 & 9 & 10 & 1 \\ x 12 & x 12 & x 9 & x 11 & x 11 & x 1 & x 9 & x 8 & x 4 & x 12 \end{array}$$

$$6) \quad \begin{matrix} 8 & 10 & 10 & 3 & 9 & 11 & 10 & 1 & 8 & 8 \\ x & 3 & x & 9 & x & 2 & x & 1 & x & 11 & x & 5 & x & 5 & x & 2 & x & 6 & x & 6 \end{matrix}$$

$$7) \quad \begin{matrix} 6 & 10 & 11 & 8 & 12 & 10 & 10 & 11 & 9 & 11 \\ x \ 11 & x \ 11 & x \ 11 & x \ 6 & x \ 11 & x \ 12 & x \ 3 & x \ 1 & x \ 9 & x \ 9 \end{matrix}$$

$$8) \quad \begin{matrix} 1 & 8 & 3 & 12 & 4 & 11 & 6 & 11 & 5 & 2 \\ x & 7 & x & 2 & x & 3 & x & 5 & x & 8 \\ \end{matrix}$$

$$9) \quad \begin{array}{ccccccccccccc} 3 & & 1 & & 5 & & 6 & & 3 & & 4 & & 6 & & 1 & & 5 & & 5 \\ x & -1 & x & 9 & x & 3 & x & 2 & x & 3 & x & 4 & x & 3 & x & 1 & x & 11 & x & 1 \end{array}$$

$$10) \quad \begin{matrix} 4 & 7 & 7 & 11 & 5 & 10 & 12 & 9 & 2 & 12 \\ 4 & 12 & 12 & 12 & 11 & 12 & 2 & 7 & 2 & 5 \end{matrix}$$

MULTIPLES & MULTIPLIERS THROUGH 12

$$1) \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$2) \quad \begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array} \quad \begin{array}{r} 11 \\ \times 1 \\ \hline 11 \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array} \quad \begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array} \quad \begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$

$$3) \quad \begin{array}{ccccccccccccccccc} & 7 & & 7 & & 5 & & 8 & & 2 & & 7 & & 12 & & 5 & & 6 & & 11 \\ x & 12 & x & 8 & x & 9 & x & 9 & x & 6 & x & 3 & x & 2 & x & 7 & x & 3 & x & 12 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} & 4 & & 2 & & 4 & & 2 & & 9 & & 4 & & 10 & & 3 & & 3 & & 5 \\ x & 8 & x & 7 & x & 3 & x & 1 & x & 8 & x & 5 & x & 1 & x & 12 & x & 4 & x & 4 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 3 & 9 & 3 & 12 & 6 & 5 & 10 & 9 & 10 & 1 \\ x 12 & x 12 & x 9 & x 11 & x 11 & x 1 & x 9 & x 8 & x 4 & x 12 \end{array}$$

$$6) \quad \begin{array}{ccccccccccccccccc} & 8 & & 10 & & 10 & & 3 & & 9 & & 11 & & 10 & & 1 & & 8 & & 8 \\ x & 3 & x & 9 & x & 2 & x & 1 & x & 11 & x & 5 & x & 5 & x & 2 & x & 6 & x & 6 \end{array}$$

$$7) \quad \begin{matrix} & 6 & & 10 & & 11 & & 8 & & 12 & & 10 & & 10 & & 11 & & 9 & & 11 \\ & \times & 11 & & \times & 11 & & \times & 11 & & \times & 6 & & \times & 11 & & \times & 12 & & \times & 11 & & \times & 9 & & \times & 9 \end{matrix}$$

$$8) \quad \begin{matrix} 1 & 8 & 3 & 12 & 4 & 11 & 6 & 11 & 5 & 2 \\ x & 7 & 2 & 2 & 3 & 5 & 8 & 11 & 2 & 1 \end{matrix}$$

$$9) \quad \begin{matrix} 3 & 1 & 5 & 6 & 3 & 4 & 6 & 1 & 5 & 5 \\ \times 1 & \times 2 & \times 3 & \times 2 & \times 2 & \times 4 & \times 3 & \times 1 & \times 11 & \times 1 \end{matrix}$$

$$10) \quad \begin{matrix} 4 & 7 & 7 & 11 & 5 & 10 & 12 & 9 & 2 & 12 \\ 4 & 12 & 12 & 12 & 11 & 12 & 2 & 7 & 2 & 5 \end{matrix}$$

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Worksheet 3

ADDENDS THROUGH 18

$$1) \quad \begin{array}{r} 14 \\ + 11 \\ \hline 25 \end{array} \quad \begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array} \quad \begin{array}{r} 18 \\ + 1 \\ \hline 19 \end{array} \quad \begin{array}{r} 10 \\ + 13 \\ \hline 23 \end{array} \quad \begin{array}{r} 3 \\ + 18 \\ \hline 21 \end{array} \quad \begin{array}{r} 12 \\ + 13 \\ \hline 25 \end{array} \quad \begin{array}{r} 8 \\ + 14 \\ \hline 22 \end{array} \quad \begin{array}{r} 12 \\ + 10 \\ \hline 22 \end{array} \quad \begin{array}{r} 8 \\ + 10 \\ \hline 18 \end{array} \quad \begin{array}{r} 0 \\ + 10 \\ \hline 10 \end{array}$$

$$2) \quad \begin{array}{r} 9 \\ + 0 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 17 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 16 \end{array} \quad \begin{array}{r} 16 \\ + 16 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ + 16 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 12 \\ + 4 \\ \hline 16 \end{array} \quad \begin{array}{r} 16 \\ + 1 \\ \hline 7 \end{array}$$

$$3) \quad \begin{array}{cccccccccccccc} & 6 & & 6 & & 15 & & 13 & & 1 & & 2 & & 1 & & 3 & & 6 & & 17 \\ & + 12 & & + 13 & & + 11 & & + 3 & & + 7 & & + 3 & & + 17 & & + 6 & & + 1 & & + 16 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 15 & & 9 & & 11 & & 10 & & 8 & & 11 & & 10 & & 0 & & 10 & & 8 \\ + 8 & & + 6 & & + 2 & & + 9 & & + 7 & & + 9 & & + 16 & & + 14 & & + 1 & & + 4 \end{array}$$

$$5) \quad \begin{array}{cccccccccccccc} 5 & 15 & 8 & 0 & 17 & 7 & 3 & 8 & 1 & 5 \\ + 2 & + 2 & + 8 & + 13 & + 16 & + 15 & + 5 & + 4 & + 5 & + 11 \end{array}$$

$$6) \quad \begin{array}{cccccccccccccc} 6 & 5 & 3 & 18 & 15 & 0 & 16 & 16 & 12 & 14 \\ + 17 & + 2 & + 17 & + 6 & + 15 & + 16 & + 15 & + 11 & + 6 & + 7 \end{array}$$

$$7) \quad \begin{array}{ccccccccccccccccc} 3 & & 13 & & 16 & & 2 & & 2 & & 17 & & 17 & & 18 & & 16 & & 5 \\ + 5 & & + 14 & & + 14 & & + 18 & & + 12 & & + 0 & & + 1 & & + 2 & & + 9 & & + 13 \end{array}$$

$$9) \quad \begin{array}{ccccccccccccc} 6 & 1 & 4 & 12 & 3 & 2 & 6 & 4 & 12 & 7 \\ 18 & 12 & 8 & 12 & 12 & 14 & 5 & 0 & 3 & 16 \end{array}$$

10) 16 12 2 8 12 10 17 1 12 8
2 8 15 12 5 7 12 2 17 1

Worksheet 3

ADDENDS THROUGH 18

$$1) \quad \begin{array}{r} 14 \\ + 11 \\ \hline 25 \end{array} \quad \begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array} \quad \begin{array}{r} 18 \\ + 1 \\ \hline 19 \end{array} \quad \begin{array}{r} 10 \\ + 13 \\ \hline 23 \end{array} \quad \begin{array}{r} 3 \\ + 18 \\ \hline 21 \end{array} \quad \begin{array}{r} 12 \\ + 13 \\ \hline 25 \end{array} \quad \begin{array}{r} 8 \\ + 14 \\ \hline 22 \end{array} \quad \begin{array}{r} 12 \\ + 10 \\ \hline 22 \end{array} \quad \begin{array}{r} 8 \\ + 10 \\ \hline 18 \end{array} \quad \begin{array}{r} 0 \\ + 10 \\ \hline 10 \end{array}$$

$$2) \quad \begin{array}{r} 9 \\ + 0 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ + 11 \\ \hline 16 \end{array} \quad \begin{array}{r} 17 \\ + 1 \\ \hline 18 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 16 \\ + 5 \\ \hline 21 \end{array} \quad \begin{array}{r} 12 \\ + 16 \\ \hline 28 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 12 \\ + 2 \\ \hline 14 \end{array} \quad \begin{array}{r} 16 \\ + 4 \\ \hline 20 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$3) \quad \begin{array}{cccccccccccccc} & 6 & & 6 & & 15 & & 13 & & 1 & & 2 & & 1 & & 3 & & 6 & & 17 \\ & + 12 & & + 13 & & + 11 & & + 3 & & + 7 & & + 3 & & + 17 & & + 6 & & + 1 & & + 16 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 15 & & 9 & & 11 & & 10 & & 8 & & 11 & & 10 & & 0 & & 10 & & 8 \\ + 8 & & + 6 & & + 2 & & + 9 & & + 7 & & + 9 & & + 16 & & + 14 & & + 1 & & + 4 \end{array}$$

$$5) \quad \begin{array}{cccccccccccccc} 5 & & 15 & & 8 & & 0 & & 17 & & 7 & & 3 & & 8 & & 1 & & 5 \\ + 2 & & + 2 & & + 8 & & + 13 & & + 16 & & + 15 & & + 5 & & + 4 & & + 5 & & + 11 \end{array}$$

$$6) \quad \begin{array}{cccccccccccccc} 6 & 5 & 3 & 18 & 15 & 0 & 16 & 16 & 12 & 14 \\ + 17 & + 2 & + 17 & + 6 & + 15 & + 16 & + 15 & + 11 & + 6 & + 7 \end{array}$$

$$7) \quad \begin{array}{cccccccccccccc} 3 & 13 & 16 & 2 & 2 & 17 & 17 & 18 & 16 & 5 \\ + 5 & + 14 & + 14 & + 18 & + 12 & + 0 & + 1 & + 2 & + 9 & + 13 \end{array}$$

$$8) \quad \begin{array}{cccccccccccccc} 14 & 6 & 9 & 17 & 6 & 9 & 0 & 1 & 4 & 16 \\ + 7 & + 9 & + 16 & + 14 & + 17 & + 3 & + 9 & + 13 & + 17 & + 9 \end{array}$$

$$9) \quad \begin{array}{ccccccccccccc} 6 & 1 & 4 & 12 & 3 & 2 & 6 & 4 & 12 & 7 \\ + 18 & + 13 & + 8 & + 13 & + 13 & + 14 & + 5 & + 0 & + 3 & + 16 \end{array}$$

10) 16 12 2 8 12 10 17 1 12 8
 9 8 15 13 5 7 13 0 17 1

Worksheet 4

MINUENDS THROUGH 18

$$1) \quad -\frac{11}{8} \quad -\frac{12}{10} \quad -\frac{18}{15} \quad -\frac{17}{12} \quad -\frac{16}{14} \quad -\frac{10}{3} \quad -\frac{13}{7} \quad -\frac{4}{4} \quad -\frac{2}{1} \quad -\frac{8}{6}$$

$$2) \quad \begin{array}{ccccccccccccc} & 13 & & 11 & & 2 & & 15 & & 16 & & 17 & & 4 & & 3 \\ - & 9 & & - & 10 & & - & 2 & & - & 4 & & - & 16 & & - & 16 & & - & 4 & & - & 2 & & - & 3 & & - & 5 \end{array}$$

$$3) \quad \begin{array}{cccccccccccc} 2 & 12 & 15 & 13 & 17 & 5 & 11 & 16 & 9 & 8 \\ -1 & -7 & -14 & -10 & -16 & -5 & -9 & -10 & -8 & -8 \end{array}$$

$$4) \quad \begin{array}{cccccccccccc} 10 & 14 & 15 & 17 & 17 & 12 & 2 & 5 & 9 & 4 \\ -10 & -1 & -6 & -8 & -8 & -7 & -2 & -3 & -5 & -3 \end{array}$$

$$5) \quad \begin{array}{ccccccccccccc} 11 & & 9 & & 9 & & 18 & & 12 & & 8 & & 18 & & 12 & & 8 & & 10 \\ - & 4 & - & 2 & - & 8 & - & 8 & - & 4 & - & 7 & - & 4 & - & 6 & - & 6 & - & 5 \end{array}$$

$$6) \quad \begin{matrix} 15 & 17 & 4 & 5 & 1 & 8 & 16 & 17 & 12 & 15 \\ -12 & -5 & -1 & -4 & -1 & -1 & -11 & -17 & -7 & -14 \end{matrix}$$

$$7) \quad \begin{matrix} 6 & 16 & 5 & 5 & 1 & 14 & 5 & 14 & 5 & 4 \\ -3 & -13 & -2 & -2 & -1 & -2 & -3 & -7 & -1 & -1 \end{matrix}$$

$$8) \quad \begin{matrix} 13 & 3 & 16 & 6 & 17 & 2 & 14 & 14 & 6 & 16 \\ -4 & -1 & -14 & -6 & -12 & -2 & -3 & -14 & -2 & -2 \end{matrix}$$

$$9) \quad \begin{matrix} 13 & 6 & 6 & 5 & 13 & 8 & 5 & 5 & 13 & 5 \\ -2 & -2 & -5 & -3 & -13 & -5 & -3 & -1 & -6 & -2 \end{matrix}$$

$$10) \quad \begin{matrix} 12 & 5 & 10 & 7 & 13 & 2 & 13 & 2 & 9 & 15 \\ 4 & 1 & 5 & 4 & 3 & 2 & 12 & 2 & 9 & 8 \end{matrix}$$

Worksheet 4

MINUENDS THROUGH 18

$$1) \quad -\frac{11}{8} \quad -\frac{12}{10} \quad -\frac{18}{15} \quad -\frac{17}{12} \quad -\frac{16}{14} \quad -\frac{10}{3} \quad -\frac{13}{7} \quad -\frac{4}{4} \quad -\frac{2}{1} \quad -\frac{8}{6}$$

$$2) \quad \begin{array}{cccccccccc} 13 & 11 & 2 & 15 & 16 & 17 & 4 & 3 & 3 & 9 \\ -9 & -10 & -2 & -4 & -16 & -16 & -4 & -2 & -3 & -5 \end{array}$$

$$3) \quad \begin{array}{cccccccccccccc} 2 & 12 & 15 & 13 & 17 & 5 & 11 & 16 & 9 & 8 \\ -1 & -7 & -14 & -10 & -16 & -5 & -9 & -10 & -8 & -8 \end{array}$$

$$4) \quad \begin{array}{cccccccccccc} 10 & 14 & 15 & 17 & 17 & 12 & 2 & 5 & 9 & 4 \\ -10 & -1 & -6 & -8 & -8 & -7 & -2 & -3 & -5 & -3 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 11 & 9 & 9 & 18 & 12 & 8 & 18 & 12 & 8 & 10 \\ -4 & -2 & -8 & -8 & -4 & -7 & -4 & -6 & -6 & -5 \end{array}$$

$$6) \quad \begin{matrix} 15 & 17 & 4 & 5 & 1 & 8 & 16 & 17 & 12 & 15 \\ -12 & -5 & -1 & -4 & -1 & -1 & -11 & -17 & -7 & -14 \end{matrix}$$

$$7) \quad -6 \quad -16 \quad -5 \quad -5 \quad -1 \quad -14 \quad -5 \quad -14 \quad -5 \quad -4$$

$$\quad -3 \quad -13 \quad -2 \quad -2 \quad -1 \quad -2 \quad -3 \quad -7 \quad -1 \quad -1$$

$$8) \quad \begin{matrix} 13 & 3 & 16 & 6 & 17 & 2 & 14 & 14 & 6 & 16 \\ -4 & -1 & -14 & -6 & -12 & -2 & -3 & -14 & -2 & -2 \end{matrix}$$

$$9) \quad \begin{matrix} 13 & 6 & 6 & 5 & 13 & 8 & 5 & 5 & 13 & 5 \\ -2 & -2 & -5 & -5 & -13 & -5 & -3 & -1 & -6 & -2 \end{matrix}$$

$$10) \quad \begin{matrix} 12 & 5 & 10 & 7 & 13 & 2 & 13 & 2 & 9 & 15 \\ 4 & 1 & 5 & 4 & 3 & 2 & 12 & 2 & 9 & 8 \end{matrix}$$

1)
$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 5 \\ \times 12 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

2)
$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$$

3)
$$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 10 \\ \times 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$$

4)
$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$$

5)
$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$$

6)
$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$$

7)
$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

8)
$$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 10 \\ \times 11 \\ \hline 110 \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$$

9)
$$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 1 \\ \times 11 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$$

10)
$$\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

1)
$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 5 \\ \times 12 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

2)
$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$$

3)
$$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 10 \\ \times 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$$

4)
$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$$

5)
$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$$

6)
$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$$

7)
$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

8)
$$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 10 \\ \times 11 \\ \hline 110 \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$$

9)
$$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 1 \\ \times 11 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$$

10)
$$\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

1)

$10 \overline{)120}$

$11 \overline{)55}$

$5 \overline{)15}$

$5 \overline{)55}$

$4 \overline{)32}$

$12 \overline{)96}$

$10 \overline{)120}$

$11 \overline{)33}$

2)

$6 \overline{)66}$

$11 \overline{)132}$

$5 \overline{)5}$

$9 \overline{)27}$

$4 \overline{)20}$

$1 \overline{)3}$

$6 \overline{)12}$

$2 \overline{)20}$

3)

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$1 \overline{)6}$

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$6 \overline{)6}$

$11 \overline{)77}$

$4 \overline{)20}$

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$9 \overline{)36}$

4)

$3 \overline{)12}$

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$12 \overline{)120}$

$4 \overline{)36}$

$5 \overline{)60}$

$11 \overline{)99}$

$7 \overline{)56}$

$7 \overline{)49}$

5)

$7 \overline{)42}$

$7 \overline{)42}$

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$2 \overline{)22}$

$8 \overline{)64}$

6)

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$8 \overline{)88}$

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$11 \overline{)66}$

10)

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$9 \overline{)72}$

$1 \overline{)3}$

$6 \overline{)12}$

$7 \overline{)77}$

$11 \overline{)99}$

$6 \overline{)72}$

$9 \overline{)63}$

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12)

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13)

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4)

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5)

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$7 \overline{)42}$

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$8 \overline{)56}$

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$1 \overline{)12}$

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6)

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$7 \overline{)63}$

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$10 \overline{)120}$

$1 \overline{)7}$

$5 \overline{)25}$

$9 \overline{)99}$

7)

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8)

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$1 \overline{)7}$

$8 \overline{)80}$

$2 \overline{)8}$

9)

$1 \overline{)9}$

$3 \overline{)27}$

$6 \overline{)54}$

$10 \overline{)30}$

$4 \overline{)24}$

$8 \overline{)88}$

$1 \overline{)2}$

$11 \overline{)66}$

10)

$9 \overline{)27}$

$9 \overline{)72}$

$1 \overline{)3}$

$6 \overline{)12}$

$7 \overline{)77}$

$11 \overline{)99}$

$6 \overline{)72}$

$9 \overline{)63}$

11)

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$2 \overline{)22}$

$9 \overline{)45}$

$10 \overline{)120}$

$11 \overline{)132}$

12)

$10 \overline{)60}$

$12 \overline{)36}$

$11 \overline{)11}$

$12 \overline{)132}$

$9 \overline{)72}$

$12 \overline{)72}$

$12 \overline{)36}$

$6 \overline{)48}$

13)

$2 \overline{)10}$

$8 \overline{)64}$

$8 \overline{)64}$

$6 \overline{)72}$

$$2) \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 12 \\ + 6 \\ \hline 18 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 10 \\ + 14 \\ \hline 24 \end{array} \quad \begin{array}{r} 18 \\ + 4 \\ \hline 22 \end{array} \quad \begin{array}{r} 1 \\ + 10 \\ \hline 11 \end{array} \quad \begin{array}{r} 9 \\ + 17 \\ \hline 26 \end{array} \quad \begin{array}{r} 11 \\ + 0 \\ \hline 11 \end{array} \quad \begin{array}{r} 14 \\ + 6 \\ \hline 20 \end{array} \quad \begin{array}{r} 0 \\ + 13 \\ \hline 13 \end{array}$$

$$3) \quad \begin{array}{ccccccccccccccccc} 10 & & 16 & & 7 & & 17 & & 8 & & 9 & & 15 & & 18 & & 1 & & 3 \\ + 1 & & + 18 & & + 8 & & + 6 & & + 17 & & + 7 & & + 6 & & + 2 & & + 7 & & + 13 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 9 & & 7 & & 13 & & 13 & & 14 & & 15 & & 13 & & 2 & & 1 & & 1 \\ + 5 & & + 1 & & + 7 & & + 18 & & + 13 & & + 15 & & + 8 & & + 18 & & + 0 & & + 7 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 13 & 13 & 1 & 7 & 6 & 11 & 14 & 14 & 17 & 12 \\ + 18 & + 9 & + 16 & + 12 & + 12 & + 7 & + 8 & + 0 & + 12 & + 15 \end{array}$$

$$6) \quad \begin{matrix} 0 & 18 & 1 & 13 & 8 & 5 & 17 & 18 & 1 & 6 \\ + 7 & + 6 & + 10 & + 9 & + 8 & + 2 & + 2 & + 14 & + 16 & + 8 \end{matrix}$$

$$7) \quad \begin{array}{cccccccccccccc} 12 & 2 & 16 & 9 & 15 & 13 & 6 & 12 & 17 & 7 \\ + 6 & + 5 & + 15 & + 14 & + 14 & + 11 & + 6 & + 0 & + 2 & + 10 \end{array}$$

$$8) \quad \begin{array}{cccccccccccccc} 11 & 2 & 0 & 11 & 8 & 15 & 18 & 6 & 1 & 10 \\ + 9 & + 14 & + 18 & + 4 & + 9 & + 8 & + 0 & + 17 & + 2 & + 12 \end{array}$$

$$9) \quad \begin{array}{ccccccccccccc} 2 & 11 & 2 & 15 & 12 & 7 & 16 & 6 & 13 & 12 \\ + 16 & + 14 & + 13 & + 12 & + 14 & + 4 & + 17 & + 0 & + 4 & + 10 \end{array}$$

10) 12 4 7 1 9 3 14 13 15 2
 11 13 16 12 17 7 2 6 0 3

$$1) \quad \begin{array}{ccccccccccccc} 1 & & 1 & & 6 & & 18 & & 15 & & 17 & & 10 & & 8 & & 2 \\ + \underline{1} & & + \underline{16} & & + \underline{17} & & + \underline{10} & & + \underline{2} & & + \underline{8} & & + \underline{3} & & + \underline{6} & & + \underline{3} & + \underline{2} \end{array}$$

$$2) \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 12 \\ + 6 \\ \hline 18 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 10 \\ + 14 \\ \hline 24 \end{array} \quad \begin{array}{r} 18 \\ + 4 \\ \hline 22 \end{array} \quad \begin{array}{r} 1 \\ + 10 \\ \hline 11 \end{array} \quad \begin{array}{r} 9 \\ + 17 \\ \hline 26 \end{array} \quad \begin{array}{r} 11 \\ + 0 \\ \hline 11 \end{array} \quad \begin{array}{r} 14 \\ + 6 \\ \hline 20 \end{array} \quad \begin{array}{r} 0 \\ + 13 \\ \hline 13 \end{array}$$

$$3) \quad \begin{array}{ccccccccccccccccc} 10 & & 16 & & 7 & & 17 & & 8 & & 9 & & 15 & & 18 & & 1 & & 3 \\ + 1 & & + 18 & & + 8 & & + 6 & & + 17 & & + 7 & & + 6 & & + 2 & & + 7 & & + 13 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 9 & & 7 & & 13 & & 13 & & 14 & & 15 & & 13 & & 2 & & 1 & & 1 \\ + 5 & & + 1 & & + 7 & & + 18 & & + 13 & & + 15 & & + 8 & & + 18 & & + 0 & & + 7 \end{array}$$

$$5) \quad \begin{array}{cccccccccccccc} 13 & 13 & 1 & 7 & 6 & 11 & 14 & 14 & 17 & 12 \\ + 18 & + 9 & + 16 & + 12 & + 12 & + 7 & + 8 & + 0 & + 12 & + 15 \end{array}$$

$$6) \quad \begin{matrix} 0 & 18 & 1 & 13 & 8 & 5 & 17 & 18 & 1 & 6 \\ + 7 & + 6 & + 10 & + 9 & + 8 & + 2 & + 2 & + 14 & + 16 & + 8 \end{matrix}$$

$$7) \quad \begin{array}{ccccccccccccccccc} 12 & & 2 & & 16 & & 9 & & 15 & & 13 & & 6 & & 12 & & 17 & & 7 \\ + 6 & & + 5 & & + 15 & & + 14 & & + 14 & & + 11 & & + 6 & & + 0 & & + 2 & & + 10 \end{array}$$

$$8) \quad \begin{array}{cccccccccccccc} 11 & 2 & 0 & 11 & 8 & 15 & 18 & 6 & 1 & 10 \\ + 9 & + 14 & + 18 & + 4 & + 9 & + 8 & + 0 & + 17 & + 2 & + 12 \end{array}$$

$$9) \quad \begin{array}{ccccccccccccc} 2 & 11 & 2 & 15 & 12 & 7 & 16 & 6 & 13 & 12 \\ + 16 & + 14 & + 13 & + 12 & + 14 & + 4 & + 17 & + 0 & + 4 & + 10 \end{array}$$

10) 12 4 7 1 9 3 14 13 15 2
 11 13 16 12 17 7 2 6 9 3

$$1) \quad \begin{array}{cccccccccc} 1 & 7 & 13 & 6 & 13 & 17 & 6 & 4 & 5 & 1 \\ -1 & -4 & -10 & -5 & -8 & -11 & -6 & -2 & -1 & -1 \end{array}$$

$$2) \quad \begin{array}{ccccccccccccc} 14 & & 5 & & 3 & & 18 & & 18 & & 13 & & 8 & & 11 & & 17 & & 16 \\ -7 & & -5 & & -1 & & -15 & & -13 & & -10 & & -8 & & -7 & & -17 & & -6 \end{array}$$

$$3) \quad \begin{array}{cccccccccccccc} 11 & 11 & 3 & 11 & 5 & 1 & 2 & 17 & 17 & 3 \\ -9 & -11 & -2 & -1 & -5 & -1 & -2 & -2 & -1 & -1 \end{array}$$

$$4) \quad \begin{array}{cccccccccccccc} 9 & 16 & 3 & 8 & 4 & 15 & 6 & 9 & 14 & 5 \\ -9 & -7 & -3 & -6 & -2 & -2 & -2 & -8 & -8 & -1 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 12 & 7 & 18 & 3 & 13 & 9 & 11 & 10 & 16 & 6 \\ -12 & -6 & -8 & -1 & -5 & -9 & -1 & -6 & -1 & -4 \end{array}$$

$$6) \quad \begin{matrix} 5 & 6 & 17 & 4 & 6 & 6 & 18 & 13 & 4 & 8 \\ -2 & -1 & -5 & -3 & -2 & -2 & -16 & -1 & -1 & -6 \end{matrix}$$

$$7) \quad \begin{matrix} 7 & 11 & 9 & 8 & 9 & 8 & 10 & 1 & 10 & 12 \\ - & 1 & - & 4 & - & 1 & - & 7 & - & 4 & - & 8 & - & 1 & - & 5 & - & 12 \end{matrix}$$

$$8) \quad \begin{matrix} 3 & 18 & 14 & 9 & 10 & 17 & 17 & 12 & 9 & 9 \\ -1 & -11 & -4 & -9 & -1 & -13 & -14 & -6 & -6 & -2 \end{matrix}$$

$$9) \quad \begin{matrix} 5 & 12 & 10 & 2 & 4 & 6 & 6 & 4 & 11 & 14 \\ 2 & 6 & 6 & 1 & 1 & 3 & 5 & 4 & 4 & 11 \end{matrix}$$

$$10) \quad \begin{matrix} 13 & 13 & 8 & 16 & 4 & 2 & 17 & 16 & 14 & 4 \\ 5 & 7 & 4 & 16 & 2 & 2 & 5 & 4 & 12 & 1 \end{matrix}$$

$$1) \quad \begin{array}{cccccccccc} 1 & & 7 & & 13 & & 6 & & 13 & & 17 & & 6 & & 4 & & 5 & & 1 \\ -1 & & -4 & & -10 & & -5 & & -8 & & -11 & & -6 & & -2 & & -1 & & -1 \end{array}$$

$$2) \quad \begin{array}{cccccccccc} 14 & 5 & 3 & 18 & 18 & 13 & 8 & 11 & 17 & 16 \\ -7 & -5 & -1 & -15 & -13 & -10 & -8 & -7 & -17 & -6 \end{array}$$

$$3) \quad \begin{array}{cccccccccccccc} 11 & 11 & 3 & 11 & 5 & 1 & 2 & 17 & 17 & 3 \\ -9 & -11 & -2 & -1 & -5 & -1 & -2 & -2 & -1 & -1 \end{array}$$

$$4) \quad \begin{array}{cccccccccccccc} 9 & 16 & 3 & 8 & 4 & 15 & 6 & 9 & 14 & 5 \\ -9 & -7 & -3 & -6 & -2 & -2 & -2 & -8 & -8 & -1 \end{array}$$

$$5) \quad \begin{array}{cccccccccccc} 12 & 7 & 18 & 3 & 13 & 9 & 11 & 10 & 16 & 6 \\ -12 & -6 & -8 & -1 & -5 & -9 & -1 & -6 & -1 & -4 \end{array}$$

$$6) \quad \begin{matrix} 5 & 6 & 17 & 4 & 6 & 6 & 18 & 13 & 4 & 8 \\ -2 & -1 & -5 & -3 & -2 & -2 & -16 & -1 & -1 & -6 \end{matrix}$$

7) 7 11 9 8 9 8 10 1 10 12
 - 1 - 8 - 4 - 1 - 7 - 4 - 8 - 1 - 5 - 12

$$8) \quad \begin{matrix} 3 & 18 & 14 & 9 & 10 & 17 & 17 & 12 & 9 & 9 \\ -1 & -11 & -4 & -9 & -1 & -13 & -14 & -6 & -6 & -2 \end{matrix}$$

$$9) \quad \begin{matrix} 5 & 12 & 10 & 2 & 4 & 6 & 6 & 4 & 11 & 14 \\ -2 & -6 & -6 & -1 & -1 & -3 & -5 & -4 & -4 & -11 \end{matrix}$$

$$10) \quad \begin{matrix} 13 & 13 & 8 & 16 & 4 & 2 & 17 & 16 & 14 & 4 \\ 5 & 7 & 4 & 16 & 3 & 2 & 5 & 4 & 12 & 1 \end{matrix}$$

$$1) \quad \begin{array}{cccccccccc} & 6 & & 5 & & 1 & & 4 & & 7 & & 4 & & 10 & & 7 & & 11 & & 4 \\ & \times & 10 & & \times & 5 & & \times & 10 & & \times & 10 & & \times & 2 & & \times & 12 & & \times & 11 & & \times & 11 & & \times & 7 & & \times & 5 \end{array}$$

$$2) \quad \begin{matrix} 9 & 4 & 10 & 11 & 11 & 10 & 11 & 8 & 1 & 7 \\ x \ 7 & x \ 2 & x \ 1 & x \ 7 & x \ 5 & x \ 3 & x \ 6 & x \ 9 & x \ 8 & x \ 6 \end{matrix}$$

$$3) \quad \begin{array}{ccccccccccccccccc} & 10 & & 12 & & 4 & & 10 & & 4 & & 11 & & 7 & & 11 & & 3 & & 11 \\ x & 7 & x & 7 & x & 2 & x & 8 & x & 1 & x & 6 & x & 3 & x & 11 & x & 11 & x & 1 & x & 1 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 6 & & 8 & & 4 & & 5 & & 11 & & 9 & & 4 & & 3 & & 9 & & 7 \\ x & 5 & x & 9 & x & 12 & x & 10 & x & 1 & x & 8 & x & 4 & x & 10 & x & 4 & x & 8 \end{array}$$

$$5) \quad \begin{array}{ccccccccccccccccc} 12 & & 1 & & 12 & & 9 & & 7 & & 1 & & 7 & & 4 & & 2 & & 11 \\ x 12 & x 6 & x 2 & x 11 & x 2 & x 4 & x 1 & x 6 & x 10 & x 3 \end{array}$$

$$6) \quad \begin{matrix} 7 & 6 & 10 & 8 & 9 & 6 & 6 & 8 & 11 & 11 \\ x\ 12 & x\ 10 & x\ 5 & x\ 11 & x\ 11 & x\ 9 & x\ 3 & x\ 8 & x\ 8 & x\ 1 \end{matrix}$$

$$7) \quad \begin{array}{ccccccccccccccccc} 7 & & 5 & & 3 & & 11 & & 1 & & 8 & & 1 & & 1 & & 5 & & 1 \\ x & 4 & x & 9 & x & 6 & x & 12 & x & 6 & x & 12 & x & 9 & x & 11 & x & 3 & x & 4 \end{array}$$

$$8) \quad \begin{matrix} & 11 & & 2 & & 10 & & 4 & & 1 & & 1 & & 8 & & 12 & & 11 & & 4 \\ & \times & 5 & & \times & 12 & & \times & 2 & & \times & 8 & & \times & 11 & & \times & 4 & & \times & 8 & & \times & 2 & & \times & 8 \end{matrix}$$

10) 3 8 7 11 12 6 3 6 4 7
 6 9 12 5 6 4 2 6 6 9

$$1) \quad \begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array} \quad \begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array} \quad \begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} \quad \begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline 110 \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array} \quad \begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$$

$$2) \quad \begin{matrix} 9 & 4 & 10 & 11 & 11 & 10 & 11 & 8 & 1 & 7 \\ x & 7 & x & 2 & x & 1 & x & 7 & x & 5 & x & 3 & x & 6 & x & 9 & x & 8 & x & 6 \end{matrix}$$

$$3) \quad \begin{array}{ccccccccccccccccc} & 10 & & 12 & & 4 & & 10 & & 4 & & 11 & & 7 & & 11 & & 3 & & 11 \\ x & 7 & x & 7 & x & 2 & x & 8 & x & 1 & x & 6 & x & 3 & x & 11 & x & 11 & x & 1 & x & 1 \end{array}$$

$$4) \quad \begin{array}{ccccccccccccccccc} 6 & & 8 & & 4 & & 5 & & 11 & & 9 & & 4 & & 3 & & 9 & & 7 \\ x & 5 & x & 9 & x & 12 & x & 10 & x & 1 & x & 8 & x & 4 & x & 10 & x & 4 & x & 8 \end{array}$$

$$5) \quad \begin{array}{ccccccccccccccccc} 12 & & 1 & & 12 & & 9 & & 7 & & 1 & & 7 & & 4 & & 2 & & 11 \\ x 12 & x 6 & x 2 & x 11 & x 2 & x 4 & x 1 & x 6 & x 10 & x 3 \end{array}$$

$$6) \quad \begin{matrix} 7 & 6 & 10 & 8 & 9 & 6 & 6 & 8 & 11 & 11 \\ x\ 12 & x\ 10 & x\ 5 & x\ 11 & x\ 11 & x\ 9 & x\ 3 & x\ 8 & x\ 8 & x\ 1 \end{matrix}$$

$$7) \quad \begin{array}{ccccccccccccc} 7 & & 5 & & 3 & & 11 & & 1 & & 8 & & 1 & & 1 \\ x & 4 & x & 9 & x & 6 & x & 12 & x & 6 & x & 12 & x & 9 & x & 11 & x & 3 & x & 4 \end{array}$$

$$8) \quad \begin{matrix} & 11 & & 2 & & 10 & & 4 & & 1 & & 1 & & 8 & & 12 & & 11 & & 4 \\ & \times & 5 & & \times & 12 & & \times & 2 & & \times & 8 & & \times & 11 & & \times & 4 & & \times & 8 & & \times & 2 & & \times & 8 \end{matrix}$$

10) 3 8 7 11 12 6 3 6 4 7
 6 9 12 5 6 4 2 6 6 9

1)

$$2 \overline{)8}$$

$$1 \overline{)5}$$

$$7 \overline{)35}$$

$$10 \overline{)50}$$

$$6 \overline{)54}$$

$$9 \overline{)36}$$

$$1 \overline{)2}$$

$$2 \overline{)2}$$

2)

$$11 \overline{)44}$$

$$2 \overline{)22}$$

$$6 \overline{)6}$$

$$4 \overline{)8}$$

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$$12 \overline{)120}$$

$$4 \overline{)20}$$

$$10 \overline{)20}$$

3)

$$5 \overline{)55}$$

$$4 \overline{)40}$$

$$1 \overline{)10}$$

$$1 \overline{)5}$$

$$3 \overline{)33}$$

$$10 \overline{)100}$$

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$$10 \overline{)40}$$

4)

$$7 \overline{)56}$$

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$$8 \overline{)32}$$

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5)

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$$11 \overline{)77}$$

$$2 \overline{)12}$$

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$$3 \overline{)12}$$

6)

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$$1 \overline{)4}$$

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7)

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$$3 \overline{)27}$$

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10)

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$$6 \overline{)66}$$

$$11 \overline{)77}$$

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$$7 \overline{)84}$$

$$3 \overline{)12}$$

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$$11 \overline{)11}$$

$$1 \overline{)4}$$

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$$12 \overline{)144}$$

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9)

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$$6 \overline{)24}$$

$$2 \overline{)24}$$

$$6 \overline{)60}$$

$$12 \overline{)96}$$

$$1 \overline{)11}$$

$$10 \overline{)60}$$

11)

$$11 \overline{)66}$$

$$12 \overline{)48}$$

$$8 \overline{)64}$$

$$11 \overline{)33}$$

$$5 \overline{)45}$$

$$1 \overline{)10}$$

$$10 \overline{)100}$$

$$10 \overline{)10}$$

12)

$$3 \overline{)15}$$

$$3 \overline{)3}$$

$$2 \overline{)14}$$

$$3 \overline{)3}$$

$$11 \overline{)55}$$

$$11 \overline{)44}$$

$$9 \overline{)108}$$

$$8 \overline{)72}$$

13)

$$5 \overline{)25}$$

$$5 \overline{)35}$$

$$5 \overline{)30}$$

$$9 \overline{)36}$$

1) $\div \frac{20}{4}$ $+ \frac{3}{5}$ $\div \frac{70}{10}$ $\times \frac{2}{4}$ $\times \frac{6}{2}$ $+ \frac{7}{14}$ $\times \frac{7}{3}$ $- \frac{17}{7}$ $\div \frac{12}{12}$ $+ \frac{14}{0}$

2) $\div \frac{50}{5}$ $\times \frac{5}{3}$ $\div \frac{60}{5}$ $- \frac{5}{4}$ $\times \frac{4}{3}$ $- \frac{17}{3}$ $+ \frac{16}{0}$ $+ \frac{0}{5}$ $\times \frac{7}{11}$ $\div \frac{50}{5}$

3) $+ \frac{2}{9}$ $- \frac{7}{5}$ $+ \frac{8}{16}$ $\div \frac{99}{9}$ $- \frac{5}{2}$ $\times \frac{10}{3}$ $\div \frac{36}{12}$ $\div \frac{21}{3}$ $\times \frac{11}{6}$ $- \frac{18}{7}$

4) $- \frac{8}{5}$ $\div \frac{96}{12}$ $\times \frac{8}{10}$ $- \frac{8}{6}$ $\div \frac{9}{3}$ $\div \frac{27}{3}$ $\div \frac{132}{11}$ $\times \frac{2}{8}$ $\div \frac{48}{12}$ $+ \frac{17}{14}$

5) $+ \frac{7}{13}$ $\times \frac{6}{3}$ $\div \frac{56}{7}$ $- \frac{6}{1}$ $+ \frac{17}{16}$ $+ \frac{18}{18}$ $\div \frac{1}{1}$ $- \frac{8}{3}$ $+ \frac{2}{18}$ $+ \frac{2}{16}$

6) $+ \frac{10}{1}$ $- \frac{8}{1}$ $\times \frac{4}{2}$ $+ \frac{12}{10}$ $\times \frac{10}{6}$ $- \frac{1}{1}$ $\times \frac{5}{9}$ $+ \frac{10}{16}$ $+ \frac{5}{12}$ $\div \frac{56}{7}$

7) $+ \frac{5}{11}$ $\div \frac{20}{2}$ $\times \frac{3}{2}$ $\div \frac{5}{1}$ $\times \frac{6}{4}$ $\div \frac{28}{4}$ $- \frac{8}{2}$ $- \frac{2}{1}$ $- \frac{13}{2}$ $+ \frac{4}{14}$

8) $+ \frac{7}{1}$ $\div \frac{8}{4}$ $- \frac{16}{3}$ $\div \frac{40}{10}$ $- \frac{9}{8}$ $+ \frac{17}{2}$ $\times \frac{12}{8}$ $+ \frac{5}{5}$ $\div \frac{40}{8}$ $\times \frac{2}{2}$

9) $- \frac{2}{2}$ $- \frac{4}{2}$ $\times \frac{12}{7}$ $+ \frac{14}{18}$ $\div \frac{60}{10}$ $- \frac{11}{7}$ $\div \frac{20}{10}$ $+ \frac{14}{2}$ $\times \frac{10}{7}$ $- \frac{13}{1}$

10) $+ \frac{18}{1}$ $\times \frac{8}{2}$ $\times \frac{7}{3}$ $\times \frac{4}{8}$ $- \frac{2}{2}$ $\times \frac{9}{10}$ $- \frac{3}{2}$ $- \frac{4}{1}$ $\times \frac{2}{6}$ $- \frac{8}{1}$

1) $\div \frac{20}{4}$ $+ \frac{3}{5}$ $\div \frac{70}{10}$ $\times \frac{2}{4}$ $\times \frac{6}{2}$ $+ \frac{7}{14}$ $\times \frac{7}{3}$ $- \frac{17}{7}$ $\div \frac{12}{12}$ $+ \frac{14}{0}$

2) $\div \frac{50}{5}$ $\times \frac{5}{3}$ $\div \frac{60}{5}$ $- \frac{5}{4}$ $\times \frac{4}{3}$ $- \frac{17}{3}$ $+ \frac{16}{0}$ $+ \frac{0}{5}$ $\times \frac{7}{11}$ $\div \frac{50}{5}$

3) $+ \frac{2}{9}$ $- \frac{7}{5}$ $+ \frac{8}{16}$ $\div \frac{99}{9}$ $- \frac{5}{2}$ $\times \frac{10}{3}$ $\div \frac{36}{12}$ $\div \frac{21}{3}$ $\times \frac{11}{6}$ $- \frac{18}{7}$

4) $- \frac{8}{5}$ $\div \frac{96}{12}$ $\times \frac{8}{10}$ $- \frac{8}{6}$ $\div \frac{9}{3}$ $\div \frac{27}{3}$ $\div \frac{132}{11}$ $\times \frac{2}{8}$ $\div \frac{48}{12}$ $+ \frac{17}{14}$

5) $+ \frac{7}{13}$ $\times \frac{6}{3}$ $\div \frac{56}{7}$ $- \frac{6}{1}$ $+ \frac{17}{16}$ $+ \frac{18}{18}$ $\div \frac{1}{1}$ $- \frac{8}{3}$ $+ \frac{2}{18}$ $+ \frac{2}{16}$

6) $+ \frac{10}{1}$ $- \frac{8}{1}$ $\times \frac{4}{2}$ $+ \frac{12}{10}$ $\times \frac{10}{6}$ $- \frac{1}{1}$ $\times \frac{5}{9}$ $+ \frac{10}{16}$ $+ \frac{5}{12}$ $\div \frac{56}{7}$

7) $+ \frac{5}{11}$ $\div \frac{20}{2}$ $\times \frac{3}{2}$ $\div \frac{5}{1}$ $\times \frac{6}{4}$ $\div \frac{28}{4}$ $- \frac{8}{2}$ $- \frac{2}{1}$ $- \frac{13}{2}$ $+ \frac{4}{14}$

8) $+ \frac{7}{1}$ $\div \frac{8}{4}$ $- \frac{16}{3}$ $\div \frac{40}{10}$ $- \frac{9}{8}$ $+ \frac{17}{2}$ $\times \frac{12}{8}$ $+ \frac{5}{5}$ $\div \frac{40}{8}$ $\times \frac{2}{2}$

9) $- \frac{2}{2}$ $- \frac{4}{2}$ $\times \frac{12}{7}$ $+ \frac{14}{18}$ $\div \frac{60}{10}$ $- \frac{11}{7}$ $\div \frac{20}{10}$ $+ \frac{14}{2}$ $\times \frac{10}{7}$ $- \frac{13}{1}$

10) $+ \frac{18}{1}$ $\times \frac{8}{2}$ $\times \frac{7}{3}$ $\times \frac{4}{8}$ $- \frac{2}{2}$ $\times \frac{9}{10}$ $- \frac{3}{2}$ $- \frac{4}{1}$ $\times \frac{2}{6}$ $- \frac{8}{1}$

1) $\begin{array}{r} 36 \\ \div 4 \\ \hline 9 \end{array}$ $\begin{array}{r} 0 \\ + 13 \\ \hline 13 \end{array}$ $\begin{array}{r} 132 \\ \div 11 \\ \hline 12 \end{array}$ $\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$ $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$ $\begin{array}{r} 16 \\ + 0 \\ \hline 16 \end{array}$ $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$ $\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$ $\begin{array}{r} 88 \\ \div 8 \\ \hline 11 \end{array}$ $\begin{array}{r} 9 \\ + 0 \\ \hline 9 \end{array}$

2) $\begin{array}{r} 42 \\ \div 6 \\ \hline 7 \end{array}$ $\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$ $\begin{array}{r} 40 \\ \div 5 \\ \hline 8 \end{array}$ $\begin{array}{r} 14 \\ - 8 \\ \hline 6 \end{array}$ $\begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array}$ $\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$ $\begin{array}{r} 14 \\ + 10 \\ \hline 24 \end{array}$ $\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$ $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ $\begin{array}{r} 96 \\ \div 8 \\ \hline 12 \end{array}$

3) $\begin{array}{r} 6 \\ + 18 \\ \hline 24 \end{array}$ $\begin{array}{r} 18 \\ - 17 \\ \hline 1 \end{array}$ $\begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$ $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ $\begin{array}{r} 132 \\ \div 12 \\ \hline 11 \end{array}$ $\begin{array}{r} 36 \\ \div 12 \\ \hline 3 \end{array}$ $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$ $\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$

4) $\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$ $\begin{array}{r} 24 \\ \div 12 \\ \hline 2 \end{array}$ $\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$ $\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$ $\begin{array}{r} 7 \\ \div 7 \\ \hline 1 \end{array}$ $\begin{array}{r} 40 \\ \div 4 \\ \hline 10 \end{array}$ $\begin{array}{r} 5 \\ \div 1 \\ \hline 5 \end{array}$ $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ $\begin{array}{r} 28 \\ \div 7 \\ \hline 4 \end{array}$ $\begin{array}{r} 14 \\ + 4 \\ \hline 18 \end{array}$

5) $\begin{array}{r} 3 \\ + 13 \\ \hline 16 \end{array}$ $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ $\begin{array}{r} 8 \\ \div 1 \\ \hline 8 \end{array}$ $\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$ $\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$ $\begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array}$ $\begin{array}{r} 15 \\ + 18 \\ \hline 33 \end{array}$ $\begin{array}{r} 4 \\ + 14 \\ \hline 18 \end{array}$

6) $\begin{array}{r} 6 \\ + 16 \\ \hline 22 \end{array}$ $\begin{array}{r} 16 \\ - 2 \\ \hline 14 \end{array}$ $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$ $\begin{array}{r} 13 \\ + 4 \\ \hline 17 \end{array}$ $\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$ $\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$ $\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$ $\begin{array}{r} 11 \\ + 10 \\ \hline 21 \end{array}$ $\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$ $\begin{array}{r} 24 \\ \div 8 \\ \hline 3 \end{array}$

7) $\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$ $\begin{array}{r} 9 \\ \div 3 \\ \hline 3 \end{array}$ $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$ $\begin{array}{r} 42 \\ \div 7 \\ \hline 6 \end{array}$ $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ $\begin{array}{r} 33 \\ \div 3 \\ \hline 11 \end{array}$ $\begin{array}{r} 13 \\ - 10 \\ \hline 3 \end{array}$ $\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$ $\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$ $\begin{array}{r} 0 \\ + 12 \\ \hline 12 \end{array}$

8) $\begin{array}{r} 9 \\ + 16 \\ \hline 25 \end{array}$ $\begin{array}{r} 60 \\ \div 6 \\ \hline 10 \end{array}$ $\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$ $\begin{array}{r} 10 \\ \div 1 \\ \hline 10 \end{array}$ $\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$ $\begin{array}{r} 12 \\ + 2 \\ \hline 14 \end{array}$ $\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$ $\begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array}$ $\begin{array}{r} 1 \\ \div 1 \\ \hline 1 \end{array}$ $\begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$

9) $\begin{array}{r} 16 \\ - 5 \\ \hline 11 \end{array}$ $\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$ $\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$ $\begin{array}{r} 10 \\ + 17 \\ \hline 27 \end{array}$ $\begin{array}{r} 9 \\ \div 9 \\ \hline 1 \end{array}$ $\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$ $\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$ $\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$

10) $\begin{array}{r} 12 \\ + 8 \\ \hline 20 \end{array}$ $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$ $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$ $\begin{array}{r} 13 \\ - 13 \\ \hline 0 \end{array}$ $\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$ $\begin{array}{r} 14 \\ - 14 \\ \hline 0 \end{array}$ $\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$ $\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$ $\begin{array}{r} 14 \\ - 5 \\ \hline 9 \end{array}$

1) $\begin{array}{r} 36 \\ \div 4 \\ \hline 9 \end{array}$ $\begin{array}{r} 0 \\ + 13 \\ \hline 13 \end{array}$ $\begin{array}{r} 132 \\ \div 11 \\ \hline 12 \end{array}$ $\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$ $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$ $\begin{array}{r} 16 \\ + 0 \\ \hline 16 \end{array}$ $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$ $\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$ $\begin{array}{r} 88 \\ \div 8 \\ \hline 11 \end{array}$ $\begin{array}{r} 9 \\ + 0 \\ \hline 9 \end{array}$

2) $\begin{array}{r} 42 \\ \div 6 \\ \hline 7 \end{array}$ $\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$ $\begin{array}{r} 40 \\ \div 5 \\ \hline 8 \end{array}$ $\begin{array}{r} 14 \\ - 8 \\ \hline 6 \end{array}$ $\begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array}$ $\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$ $\begin{array}{r} 14 \\ + 10 \\ \hline 24 \end{array}$ $\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$ $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ $\begin{array}{r} 96 \\ \div 8 \\ \hline 12 \end{array}$

3) $\begin{array}{r} 6 \\ + 18 \\ \hline 24 \end{array}$ $\begin{array}{r} 18 \\ - 17 \\ \hline 1 \end{array}$ $\begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$ $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ $\begin{array}{r} 132 \\ \div 12 \\ \hline 11 \end{array}$ $\begin{array}{r} 36 \\ \div 12 \\ \hline 3 \end{array}$ $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$ $\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$

4) $\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$ $\begin{array}{r} 24 \\ \div 12 \\ \hline 2 \end{array}$ $\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$ $\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$ $\begin{array}{r} 7 \\ \div 7 \\ \hline 1 \end{array}$ $\begin{array}{r} 40 \\ \div 4 \\ \hline 10 \end{array}$ $\begin{array}{r} 5 \\ \div 1 \\ \hline 5 \end{array}$ $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ $\begin{array}{r} 28 \\ \div 7 \\ \hline 4 \end{array}$ $\begin{array}{r} 14 \\ + 4 \\ \hline 18 \end{array}$

5) $\begin{array}{r} 3 \\ + 13 \\ \hline 16 \end{array}$ $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ $\begin{array}{r} 8 \\ \div 1 \\ \hline 8 \end{array}$ $\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$ $\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$ $\begin{array}{r} 13 \\ + 5 \\ \hline 18 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array}$ $\begin{array}{r} 15 \\ + 18 \\ \hline 33 \end{array}$ $\begin{array}{r} 4 \\ + 14 \\ \hline 18 \end{array}$

6) $\begin{array}{r} 6 \\ + 16 \\ \hline 22 \end{array}$ $\begin{array}{r} 16 \\ - 2 \\ \hline 14 \end{array}$ $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$ $\begin{array}{r} 13 \\ + 4 \\ \hline 17 \end{array}$ $\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$ $\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$ $\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$ $\begin{array}{r} 11 \\ + 10 \\ \hline 21 \end{array}$ $\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$ $\begin{array}{r} 24 \\ \div 8 \\ \hline 3 \end{array}$

7) $\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$ $\begin{array}{r} 9 \\ \div 3 \\ \hline 3 \end{array}$ $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$ $\begin{array}{r} 42 \\ \div 7 \\ \hline 6 \end{array}$ $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ $\begin{array}{r} 33 \\ \div 3 \\ \hline 11 \end{array}$ $\begin{array}{r} 13 \\ - 10 \\ \hline 3 \end{array}$ $\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$ $\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$ $\begin{array}{r} 0 \\ + 12 \\ \hline 12 \end{array}$

8) $\begin{array}{r} 9 \\ + 16 \\ \hline 25 \end{array}$ $\begin{array}{r} 60 \\ \div 6 \\ \hline 10 \end{array}$ $\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$ $\begin{array}{r} 10 \\ \div 1 \\ \hline 10 \end{array}$ $\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$ $\begin{array}{r} 12 \\ + 2 \\ \hline 14 \end{array}$ $\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$ $\begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array}$ $\begin{array}{r} 1 \\ \div 1 \\ \hline 1 \end{array}$ $\begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$

9) $\begin{array}{r} 16 \\ - 5 \\ \hline 11 \end{array}$ $\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$ $\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$ $\begin{array}{r} 10 \\ + 17 \\ \hline 27 \end{array}$ $\begin{array}{r} 9 \\ \div 9 \\ \hline 1 \end{array}$ $\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$ $\begin{array}{r} 24 \\ \div 3 \\ \hline 8 \end{array}$ $\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$ $\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$ $\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$

10) $\begin{array}{r} 12 \\ + 8 \\ \hline 20 \end{array}$ $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$ $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$ $\begin{array}{r} 13 \\ - 13 \\ \hline 0 \end{array}$ $\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$ $\begin{array}{r} 14 \\ - 14 \\ \hline 0 \end{array}$ $\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$ $\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$ $\begin{array}{r} 14 \\ - 5 \\ \hline 9 \end{array}$

WORKSHEET 1

1)	42	2	24	12	50	120	11	110	21	9
2)	88	11	99	55	3	132	16	21	8	27
3)	84	56	45	72	12	21	24	35	18	132
4)	32	14	12	2	72	20	10	36	12	20
5)	36	72	27	132	66	5	90	72	40	12
6)	24	90	20	3	99	55	50	2	48	48
7)	66	110	121	48	132	120	30	11	81	99
8)	7	16	6	36	20	88	66	121	10	2
9)	3	9	15	12	9	16	18	1	55	5
10)	16	84	84	132	55	120	36	63	18	60

WORKSHEET 2

1)	2	2	4	7	4	3	9	3
2)	5	6	8	4	3	2	4	3
3)	2	4	8	12	9	12	9	12
4)	12	3	9	9	12	10	5	4
5)	12	5	2	3	7	4	2	4
6)	6	2	4	3	12	5	6	2
7)	10	5	2	12	3	7	5	7
8)	3	8	1	4	3	9	2	7
9)	9	5	9	9	10	10	3	10
10)	5	10	12	7	9	9	11	4
11)	1	3	6	7	10	1	8	2
12)	11	2	8	2	12	6	4	9
13)	9	8	7	2				

WORKSHEET 3

1)	25	18	19	23	21	25	22	22	18	10
2)	9	16	18	11	21	28	6	14	20	8
3)	18	19	26	16	8	5	18	9	7	33
4)	23	15	13	19	15	20	26	14	11	12
5)	7	17	16	13	33	22	8	12	6	16
6)	23	7	20	24	30	16	31	27	18	21
7)	8	27	30	20	14	17	18	20	25	18
8)	21	15	25	31	23	12	9	14	21	25
9)	24	14	12	25	16	16	11	4	15	23
10)	25	20	17	21	17	17	30	1	29	9

WORKSHEET 4

1)	3	2	3	5	2	7	6	0	1	2
2)	4	1	0	11	0	1	0	1	0	4
3)	1	5	1	3	1	0	2	6	1	0
4)	0	13	9	9	9	5	0	2	4	1
5)	7	7	1	10	8	1	14	6	2	5
6)	3	12	3	1	0	7	5	0	5	1
7)	3	3	3	3	0	12	2	7	4	3
8)	9	2	2	0	5	0	1	0	4	14
9)	11	4	1	2	0	3	2	4	7	3
10)	8	4	5	3	10	0	1	0	0	7

WORKSHEET 5

1)	80	56	60	80	40	45	42	8	54	8
2)	21	28	40	15	12	16	6	15	36	25
3)	9	64	6	18	10	60	48	10	6	9
4)	28	120	30	9	12	6	9	72	16	16
5)	28	12	40	99	20	40	55	6	3	4
6)	54	48	18	63	77	24	42	4	16	96
7)	80	120	42	121	7	60	16	48	5	21
8)	60	21	9	14	84	1	108	110	36	30
9)	32	132	66	4	84	11	70	48	44	60
10)	108	8	36	50	12	3	6	8	44	21

WORKSHEET 6

1)	12	5	3	11	8	8	12	3
2)	11	12	1	3	5	3	2	10
3)	12	6	1	1	7	5	12	10
4)	4	11	10	9	12	9	8	7
5)	6	6	9	7	1	12	11	8
6)	6	10	9	3	12	7	5	11
7)	2	7	5	1	9	6	11	12
8)	3	9	6	12	2	7	10	4
9)	9	9	9	3	6	11	2	6
10)	3	8	3	2	11	9	12	7
11)	12	12	1	3	11	5	12	12
12)	6	3	1	11	8	6	3	8
13)	5	8	8	12				

WORKSHEET 7

1)	2	17	23	28	17	25	13	14	5	6
2)	9	18	12	24	22	11	26	11	20	13
3)	11	34	15	23	25	16	21	20	8	16
4)	14	8	20	31	27	30	21	20	1	8
5)	31	22	17	19	18	18	22	14	29	27
6)	7	24	11	24	16	7	19	32	17	14
7)	18	7	31	23	29	24	12	12	19	17
8)	20	16	18	15	17	23	18	23	3	22
9)	18	25	15	27	26	11	33	6	17	22
10)	23	17	23	13	26	10	16	19	15	5

WORKSHEET 8

1)	0	3	3	1	5	6	0	2	4	0
2)	7	0	2	3	5	3	0	4	0	10
3)	2	0	1	10	0	0	0	15	16	2
4)	0	9	0	2	2	13	4	1	6	4
5)	0	1	10	2	8	0	10	4	15	2
6)	3	5	12	1	4	4	2	12	3	2
7)	6	3	5	7	2	4	2	0	5	0
8)	2	7	10	0	9	4	3	6	3	7
9)	3	6	4	1	3	3	1	0	7	3
10)	8	6	4	0	1	0	12	12	2	3

WORKSHEET 9

1)	60	25	10	40	14	48	110	77	77	20
2)	63	8	10	77	55	30	66	72	8	42
3)	70	84	8	80	4	66	21	121	33	11
4)	30	72	48	50	11	72	16	30	36	56
5)	144	6	24	99	14	4	7	24	20	33
6)	84	60	50	88	99	54	18	64	88	11
7)	28	45	18	132	6	96	9	11	15	4
8)	55	24	20	32	11	4	64	24	22	32
9)	72	7	27	4	110	12	22	96	72	18
10)	18	72	84	55	72	24	6	36	24	63

WORKSHEET 10

1)	4	5	5	5	9	4	2	1
2)	4	11	1	2	2	10	5	2
3)	11	10	10	5	11	10	3	4
4)	8	4	9	8	4	5	3	1
5)	10	2	3	11	7	6	12	4
6)	6	2	1	4	1	9	9	10
7)	10	4	5	4	9	8	3	12
8)	12	7	2	9	9	10	6	7
9)	4	4	2	3	12	4	5	7
10)	4	9	4	12	10	8	11	6
11)	6	4	8	3	9	10	10	1
12)	5	1	7	1	5	4	12	9
13)	5	7	6	4				

WORKSHEET 11

1)	5	8	7	8	12	21	21	10	1	14
2)	10	15	12	1	12	14	16	5	77	10
3)	11	2	24	11	3	30	3	7	66	11
4)	3	8	80	2	3	9	12	16	4	31
5)	20	18	8	5	33	36	1	5	20	18
6)	11	7	8	22	60	0	45	26	17	8
7)	16	10	6	5	24	7	6	1	11	18
8)	8	2	13	4	1	19	96	10	5	4
9)	0	2	84	32	6	4	2	16	70	12
10)	19	16	21	32	0	90	1	3	12	7

WORKSHEET 12

1)	9	13	12	35	70	16	24	0	11	9
2)	7	9	8	6	24	0	24	11	54	12
3)	24	1	18	8	1	44	11	3	24	0
4)	6	2	30	7	1	10	5	81	4	18
5)	16	35	8	4	6	18	8	9	33	18
6)	22	14	32	17	66	0	10	21	9	3
7)	12	3	64	6	54	11	3	1	15	12
8)	25	10	5	10	3	14	7	4	1	110
9)	11	3	63	27	1	15	8	9	40	3
10)	20	44	16	70	0	10	0	4	20	9

