Rising 7th Summer Speed Drills

Spread these drills out over the summer to stay fresh on math facts.

Record your times and scores on this top sheet and give it to your teacher during the first week of school.

Rising 7th summer target times:
Addition, subtraction, & multiplication - 2 minutes
Division - 2 1/2 minutes

		TIME	SCORE
1	Multiples & Multipliers through 12		/100
2	Dividends through 12		/100
3	Addends through 18		/100
4	Minuends through 18		/100
5	Multiples & Multipliers through 12		/100
6	Dividends through 12		/100
7	Addends through 18		/100
8	Minuends through 18		/100
9	Multiples & Multipliers through 12		/100
10	Dividends through 12		/100
11	Mixed		/100
12	Mixed		/100

MULTIPLES & MULTIPLIERS THROUGH 12

1)   1   4   1   4   3   6   2   1   2   11
   x 12 x 12 x 6   x 5   x 2   x 3   x 9   x 6   x 2   x 10

2)   7   1   5   10   6   5   7   4   11   7
   x 10 x 6   x 12 x 12 x 2   x 6   x 4   x 8   x 11 x 8

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

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

5)   2   4   6   4   6   6   8   4   9   9
   x 10 x 10 x 9   x 10 x 5   x 2   x 9   x 2   x 5   x 1

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

7)   7   7   10   4   7   3   12   11   1   1
   x 11 x 1   x 5   x 7   x 5   x 5   x 4   x 9   x 10 x 3

8)   6   7   2   10   5   8   5   7   4   4
   x 11 x 11 x 3   x 8   x 1   x 3   x 2   x 6   x 11 x 6

9)   9   11   6   11   9   4   12   12   3   6
   x 6   x 5   x 1   x 3   x 9   x 3   x 2   x 11 x 2   x 5

10)   5   12   7   2   5   2   5   4   5   10
   x 10 x 2   x 7   x 11 x 7   x 7   x 2   x 9   x 2   x 7

MULTIPLES & MULTIPLIERS THROUGH 12

1)
```
    1         4         1         4         3         6         2         1         2        11
x  12     x  12     x   6     x   5     x   2     x   3     x   9     x   6     x   2     x  10
```

2)
```
    7         1         5        10         6         5         7         4        11         7
x  10     x   6     x  12     x  12     x   2     x   6     x   4     x   8     x  11     x   8
```

3)
```
   12         5         4         6        11         3         2         7        11         2
x   9     x  11     x   9     x  11     x  12     x  10     x   2     x   6     x   3     x   2
```

4)
```
   10         9        10        11         9        12         5         5         1         3
x  10     x   3     x   8     x   7     x   9     x   6     x   4     x   1     x  11     x   6
```

5)
```
    2         4         6         4         6         6         8         4         9         9
x  10     x  10     x   9     x  10     x   5     x   2     x   9     x   2     x   5     x   1
```

6)
```
   10         9         7        10         8         9         2        11        10        10
x   4     x   8     x   5     x   4     x  12     x  11     x   8     x   7     x   9     x   2
```

7)
```
    7         7        10         4         7         3        12        11         1         1
x  11     x   1     x   5     x   7     x   5     x   5     x   4     x   9     x  10     x   3
```

8)
```
    6         7         2        10         5         8         5         7         4         4
x  11     x  11     x   3     x   8     x   1     x   3     x   2     x   6     x  11     x   6
```

9)
```
    9        11         6        11         9         4        12        12         3         6
x   6     x   5     x   1     x   3     x   9     x   3     x   2     x  11     x   2     x   5
```

10)
```
    5        12         7         2         5         2         5         4         5        10
x  10     x   2     x   7     x  11     x   7     x   7     x   2     x   9     x   2     x   7
```

DIVIDENDS THROUGH 12

1)

$11\overline{)55}$ $7\overline{)63}$ $2\overline{)10}$ $3\overline{)24}$ $10\overline{)30}$ $12\overline{)36}$ $2\overline{)2}$ $9\overline{)18}$

2)

$2\overline{)10}$ $7\overline{)14}$ $1\overline{)12}$ $2\overline{)10}$ $6\overline{)36}$ $10\overline{)10}$ $5\overline{)40}$ $5\overline{)60}$

3)

$6\overline{)72}$ $7\overline{)49}$ $9\overline{)108}$ $12\overline{)24}$ $1\overline{)7}$ $3\overline{)15}$ $6\overline{)66}$ $11\overline{)132}$

4)

$6\overline{)66}$ $7\overline{)28}$ $10\overline{)40}$ $8\overline{)32}$ $8\overline{)80}$ $8\overline{)48}$ $4\overline{)24}$ $4\overline{)16}$

5)

$3\overline{)3}$ $7\overline{)49}$ $12\overline{)120}$ $12\overline{)84}$ $9\overline{)54}$ $9\overline{)63}$ $5\overline{)40}$ $8\overline{)96}$

6)

$3\overline{)21}$ $8\overline{)80}$ $11\overline{)88}$ $2\overline{)2}$ $11\overline{)99}$ $10\overline{)40}$ $8\overline{)16}$ $6\overline{)60}$

7)

$12\overline{)96}$ $3\overline{)6}$ $9\overline{)45}$ $11\overline{)121}$ $5\overline{)45}$ $1\overline{)4}$ $9\overline{)72}$ $12\overline{)84}$

8)

$6\overline{)6}$ $3\overline{)9}$ $11\overline{)121}$ $9\overline{)36}$ $8\overline{)16}$ $8\overline{)72}$ $7\overline{)14}$ $6\overline{)66}$

9)

$3\overline{)24}$ $6\overline{)60}$ $9\overline{)18}$ $10\overline{)10}$ $10\overline{)20}$ $10\overline{)70}$ $3\overline{)21}$ $5\overline{)20}$

10)

$7\overline{)21}$ $11\overline{)121}$ $10\overline{)100}$ $11\overline{)22}$ $3\overline{)24}$ $10\overline{)110}$ $4\overline{)20}$ $9\overline{)63}$

11)

$2\overline{)6}$ $3\overline{)6}$ $6\overline{)54}$ $7\overline{)63}$ $11\overline{)99}$ $4\overline{)32}$ $9\overline{)81}$ $10\overline{)30}$

12)

$10\overline{)110}$ $11\overline{)99}$ $5\overline{)45}$ $9\overline{)99}$ $2\overline{)6}$ $11\overline{)88}$ $3\overline{)15}$ $2\overline{)18}$

13)

$8\overline{)32}$ $11\overline{)88}$ $8\overline{)48}$ $9\overline{)45}$

1)

$11\overline{)55}$ $7\overline{)63}$ $2\overline{)10}$ $3\overline{)24}$ $10\overline{)30}$ $12\overline{)36}$ $2\overline{)2}$ $9\overline{)18}$

2)

$2\overline{)10}$ $7\overline{)14}$ $1\overline{)12}$ $2\overline{)10}$ $6\overline{)36}$ $10\overline{)10}$ $5\overline{)40}$ $5\overline{)60}$

3)

$6\overline{)72}$ $7\overline{)49}$ $9\overline{)108}$ $12\overline{)24}$ $1\overline{)7}$ $3\overline{)15}$ $6\overline{)66}$ $11\overline{)132}$

4)

$6\overline{)66}$ $7\overline{)28}$ $10\overline{)40}$ $8\overline{)32}$ $8\overline{)80}$ $8\overline{)48}$ $4\overline{)24}$ $4\overline{)16}$

5)

$3\overline{)3}$ $7\overline{)49}$ $12\overline{)120}$ $12\overline{)84}$ $9\overline{)54}$ $9\overline{)63}$ $5\overline{)40}$ $8\overline{)96}$

6)

$3\overline{)21}$ $8\overline{)80}$ $11\overline{)88}$ $2\overline{)2}$ $11\overline{)99}$ $10\overline{)40}$ $8\overline{)16}$ $6\overline{)60}$

7)

$12\overline{)96}$ $3\overline{)6}$ $9\overline{)45}$ $11\overline{)121}$ $5\overline{)45}$ $1\overline{)4}$ $9\overline{)72}$ $12\overline{)84}$

8)

$6\overline{)6}$ $3\overline{)9}$ $11\overline{)121}$ $9\overline{)36}$ $8\overline{)16}$ $8\overline{)72}$ $7\overline{)14}$ $6\overline{)66}$

9)

$3\overline{)24}$ $6\overline{)60}$ $9\overline{)18}$ $10\overline{)10}$ $10\overline{)20}$ $10\overline{)70}$ $3\overline{)21}$ $5\overline{)20}$

10)

$7\overline{)21}$ $11\overline{)121}$ $10\overline{)100}$ $11\overline{)22}$ $3\overline{)24}$ $10\overline{)110}$ $4\overline{)20}$ $9\overline{)63}$

11)

$2\overline{)6}$ $3\overline{)6}$ $6\overline{)54}$ $7\overline{)63}$ $11\overline{)99}$ $4\overline{)32}$ $9\overline{)81}$ $10\overline{)30}$

12)

$10\overline{)110}$ $11\overline{)99}$ $5\overline{)45}$ $9\overline{)99}$ $2\overline{)6}$ $11\overline{)88}$ $3\overline{)15}$ $2\overline{)18}$

13)

$8\overline{)32}$ $11\overline{)88}$ $8\overline{)48}$ $9\overline{)45}$

ADDENDS THROUGH 18

1) $\begin{array}{r}16\\+\ 18\end{array}$ $\begin{array}{r}7\\+\ 4\end{array}$ $\begin{array}{r}15\\+\ 0\end{array}$ $\begin{array}{r}1\\+\ 2\end{array}$ $\begin{array}{r}1\\+\ 17\end{array}$ $\begin{array}{r}4\\+\ 18\end{array}$ $\begin{array}{r}14\\+\ 0\end{array}$ $\begin{array}{r}15\\+\ 3\end{array}$ $\begin{array}{r}4\\+\ 2\end{array}$ $\begin{array}{r}8\\+\ 11\end{array}$

2) $\begin{array}{r}15\\+\ 10\end{array}$ $\begin{array}{r}14\\+\ 1\end{array}$ $\begin{array}{r}1\\+\ 6\end{array}$ $\begin{array}{r}11\\+\ 3\end{array}$ $\begin{array}{r}8\\+\ 6\end{array}$ $\begin{array}{r}14\\+\ 15\end{array}$ $\begin{array}{r}14\\+\ 8\end{array}$ $\begin{array}{r}16\\+\ 2\end{array}$ $\begin{array}{r}8\\+\ 6\end{array}$ $\begin{array}{r}0\\+\ 10\end{array}$

3) $\begin{array}{r}4\\+\ 14\end{array}$ $\begin{array}{r}7\\+\ 6\end{array}$ $\begin{array}{r}15\\+\ 1\end{array}$ $\begin{array}{r}12\\+\ 15\end{array}$ $\begin{array}{r}15\\+\ 8\end{array}$ $\begin{array}{r}1\\+\ 16\end{array}$ $\begin{array}{r}4\\+\ 17\end{array}$ $\begin{array}{r}12\\+\ 12\end{array}$ $\begin{array}{r}2\\+\ 0\end{array}$ $\begin{array}{r}17\\+\ 2\end{array}$

4) $\begin{array}{r}8\\+\ 2\end{array}$ $\begin{array}{r}7\\+\ 6\end{array}$ $\begin{array}{r}5\\+\ 7\end{array}$ $\begin{array}{r}9\\+\ 18\end{array}$ $\begin{array}{r}16\\+\ 18\end{array}$ $\begin{array}{r}8\\+\ 7\end{array}$ $\begin{array}{r}2\\+\ 8\end{array}$ $\begin{array}{r}18\\+\ 16\end{array}$ $\begin{array}{r}14\\+\ 11\end{array}$ $\begin{array}{r}11\\+\ 4\end{array}$

5) $\begin{array}{r}11\\+\ 6\end{array}$ $\begin{array}{r}10\\+\ 1\end{array}$ $\begin{array}{r}12\\+\ 5\end{array}$ $\begin{array}{r}17\\+\ 9\end{array}$ $\begin{array}{r}15\\+\ 7\end{array}$ $\begin{array}{r}16\\+\ 5\end{array}$ $\begin{array}{r}11\\+\ 11\end{array}$ $\begin{array}{r}15\\+\ 18\end{array}$ $\begin{array}{r}8\\+\ 14\end{array}$ $\begin{array}{r}10\\+\ 12\end{array}$

6) $\begin{array}{r}13\\+\ 13\end{array}$ $\begin{array}{r}5\\+\ 3\end{array}$ $\begin{array}{r}11\\+\ 0\end{array}$ $\begin{array}{r}5\\+\ 6\end{array}$ $\begin{array}{r}4\\+\ 16\end{array}$ $\begin{array}{r}3\\+\ 10\end{array}$ $\begin{array}{r}4\\+\ 12\end{array}$ $\begin{array}{r}2\\+\ 11\end{array}$ $\begin{array}{r}7\\+\ 3\end{array}$ $\begin{array}{r}3\\+\ 5\end{array}$

7) $\begin{array}{r}3\\+\ 2\end{array}$ $\begin{array}{r}10\\+\ 1\end{array}$ $\begin{array}{r}8\\+\ 13\end{array}$ $\begin{array}{r}9\\+\ 1\end{array}$ $\begin{array}{r}14\\+\ 13\end{array}$ $\begin{array}{r}6\\+\ 1\end{array}$ $\begin{array}{r}7\\+\ 7\end{array}$ $\begin{array}{r}7\\+\ 13\end{array}$ $\begin{array}{r}5\\+\ 18\end{array}$ $\begin{array}{r}18\\+\ 11\end{array}$

8) $\begin{array}{r}18\\+\ 15\end{array}$ $\begin{array}{r}16\\+\ 17\end{array}$ $\begin{array}{r}16\\+\ 6\end{array}$ $\begin{array}{r}13\\+\ 3\end{array}$ $\begin{array}{r}18\\+\ 8\end{array}$ $\begin{array}{r}0\\+\ 16\end{array}$ $\begin{array}{r}9\\+\ 6\end{array}$ $\begin{array}{r}14\\+\ 16\end{array}$ $\begin{array}{r}17\\+\ 17\end{array}$ $\begin{array}{r}5\\+\ 0\end{array}$

9) $\begin{array}{r}1\\+\ 8\end{array}$ $\begin{array}{r}11\\+\ 13\end{array}$ $\begin{array}{r}0\\+\ 9\end{array}$ $\begin{array}{r}2\\+\ 17\end{array}$ $\begin{array}{r}5\\+\ 13\end{array}$ $\begin{array}{r}13\\+\ 9\end{array}$ $\begin{array}{r}7\\+\ 2\end{array}$ $\begin{array}{r}0\\+\ 8\end{array}$ $\begin{array}{r}12\\+\ 12\end{array}$ $\begin{array}{r}8\\+\ 3\end{array}$

10) $\begin{array}{r}16\\+\ 13\end{array}$ $\begin{array}{r}18\\+\ 5\end{array}$ $\begin{array}{r}17\\+\ 0\end{array}$ $\begin{array}{r}11\\+\ 12\end{array}$ $\begin{array}{r}4\\+\ 4\end{array}$ $\begin{array}{r}2\\+\ 17\end{array}$ $\begin{array}{r}12\\+\ 11\end{array}$ $\begin{array}{r}3\\+\ 18\end{array}$ $\begin{array}{r}15\\+\ 8\end{array}$ $\begin{array}{r}6\\+\ 2\end{array}$

Worksheet 3   ADDENDS THROUGH 18

1)   16   7   15   1   1   4   14   15   4   8
    + 18   + 4   + 0   + 2   + 17   + 18   + 0   + 3   + 2   + 11

2)   15   14   1   11   8   14   14   16   8   0
    + 10   + 1   + 6   + 3   + 6   + 15   + 8   + 2   + 6   + 10

3)   4   7   15   12   15   1   4   12   2   17
    + 14   + 6   + 1   + 15   + 8   + 16   + 17   + 12   + 0   + 2

4)   8   7   5   9   16   8   2   18   14   11
    + 2   + 6   + 7   + 18   + 18   + 7   + 8   + 16   + 11   + 4

5)   11   10   12   17   15   16   11   15   8   10
    + 6   + 1   + 5   + 9   + 7   + 5   + 11   + 18   + 14   + 12

6)   13   5   11   5   4   3   4   2   7   3
    + 13   + 3   + 0   + 6   + 16   + 10   + 12   + 11   + 3   + 5

7)   3   10   8   9   14   6   7   7   5   18
    + 2   + 1   + 13   + 1   + 13   + 1   + 7   + 13   + 18   + 11

8)   18   16   16   13   18   0   9   14   17   5
    + 15   + 17   + 6   + 3   + 8   + 16   + 6   + 16   + 17   + 0

9)   1   11   0   2   5   13   7   0   12   8
    + 8   + 13   + 9   + 17   + 13   + 9   + 2   + 8   + 12   + 3

10)   16   18   17   11   4   2   12   3   15   6
    + 13   + 5   + 0   + 12   + 4   + 17   + 11   + 18   + 8   + 2

MINUENDS THROUGH 18

1)
```
    9        7        13        1         3        16       10        6        8        16
-   9    -   4    -  13     -   1     -   2     -   4    -   4    -   3    -   3    -   7
```

2)
```
    6        4        18       11        11        5         3        5         2        4
-   3    -   1    -  12     -   7     -   1     -   5    -   1    -   1    -   1    -   3
```

3)
```
    1        4        11       12        12        12        4        11       11        8
-   1    -   2    -   4     -  10     -   1     -   1    -   2    -   9    -   3    -   6
```

4)
```
    6        4        4        15        8        11        18        2        16        8
-   6    -   1    -   1     -  13     -   7     -   4    -   6    -   1    -  14    -   4
```

5)
```
    4       10        17       14        1         9         1        14        11        11
-   1    -  10    -   1     -   6     -   1     -   4    -   1    -   1    -   3    -   8
```

6)
```
   12       17        17        3        15        8         9        16        2         9
-  11    -   5    -  13     -   1     -   5     -   2    -   3    -   4    -   1    -   3
```

7)
```
    7       12        1         7        11        5        11         8        1        16
-   6    -   8    -   1     -   5     -   6     -   4    -  11    -   2    -   1    -   3
```

8)
```
    3        8        14        7        17        16        2         4        15        2
-   1    -   7    -   8     -   5     -  14     -   3    -   1    -   1    -  11    -   2
```

9)
```
   15       11        11       18        15        10        14        3        14        1
-   5    -   1    -  10     -   2     -  10     -   1    -  11    -   2    -   1    -   1
```

10)
```
    5        9        15       18        12        12        8        18        12        18
-   4    -   4    -  11     -   7     -   9     -  11    -   1    -   2    -   6    -   5
```

MINUENDS THROUGH 18

1)
```
    9        7       13        1        3       16       10        6        8       16
  - 9      - 4     - 13      - 1      - 2      - 4      - 4      - 3      - 3      - 7
```

2)
```
    6        4       18       11       11        5        3        5        2        4
  - 3      - 1     - 12      - 7      - 1      - 5      - 1      - 1      - 1      - 3
```

3)
```
    1        4       11       12       12       12        4       11       11        8
  - 1      - 2      - 4     - 10      - 1      - 1      - 2      - 9      - 3      - 6
```

4)
```
    6        4        4       15        8       11       18        2       16        8
  - 6      - 1      - 1     - 13      - 7      - 4      - 6      - 1     - 14      - 4
```

5)
```
    4       10       17       14        1        9        1       14       11       11
  - 1     - 10      - 1      - 6      - 1      - 4      - 1      - 1      - 3      - 8
```

6)
```
   12       17       17        3       15        8        9       16        2        9
 - 11      - 5     - 13      - 1      - 5      - 2      - 3      - 4      - 1      - 3
```

7)
```
    7       12        1        7       11        5       11        8        1       16
  - 6      - 8      - 1      - 5      - 6      - 4     - 11      - 2      - 1      - 3
```

8)
```
    3        8       14        7       17       16        2        4       15        2
  - 1      - 7      - 8      - 5     - 14      - 3      - 1      - 1     - 11      - 2
```

9)
```
   15       11       11       18       15       10       14        3       14        1
  - 5      - 1     - 10      - 2     - 10      - 1     - 11      - 2      - 1      - 1
```

10)
```
    5        9       15       18       12       12        8       18       12       18
  - 4      - 4     - 11      - 7      - 9     - 11      - 1      - 2      - 6      - 5
```

MULTIPLES & MULTIPLIERS THROUGH 12

1)
   1   10   1   5   3   9   4   10   5   9

x 5   x 1   x 8   x 7   x 2   x 8   x 4   x 2   x 12   x 6

2)
   3   10   6   7   7   10   4   4   3   8

x 6   x 3   x 7   x 11   x 2   x 9   x 6   x 6   x 6   x 10

3)
   9   5   5   3   6   2   10   9   7   5

x 5   x 7   x 4   x 6   x 6   x 8   x 8   x 9   x 5   x 1

4)
   2   11   7   12   7   5   1   8   5   6

x 9   x 2   x 10   x 5   x 1   x 11   x 8   x 10   x 9   x 9

5)
   7   5   5   7   1   11   8   8   9   5

x 3   x 9   x 1   x 3   x 1   x 11   x 7   x 12   x 12   x 9

6)
   4   4   12   2   9   1   10   2   7   10

x 6   x 3   x 7   x 1   x 8   x 8   x 11   x 11   x 6   x 3

7)
   9   3   7   4   12   9   10   5   3   2

x 8   x 1   x 1   x 11   x 2   x 9   x 8   x 10   x 12   x 9

8)
   7   4   2   2   5   11   4   7   5   12

x 11   x 9   x 11   x 6   x 6   x 12   x 2   x 9   x 3   x 11

9)
   7   4   12   2   6   2   9   10   9   1

x 1   x 3   x 8   x 7   x 5   x 4   x 3   x 6   x 5   x 2

10)
   8   12   4   12   7   5   6   7   5   12

x 10   x 2   x 2   x 2   x 1   x 11   x 8   x 3   x 2   x 10

MULTIPLES & MULTIPLIERS THROUGH 12

1)
  $\begin{array}{r} 1 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 4 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 12 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 6 \\ \hline \end{array}$

2)
  $\begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ \times\ 10 \\ \hline \end{array}$

3)
  $\begin{array}{r} 9 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 4 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 1 \\ \hline \end{array}$

4)
  $\begin{array}{r} 2 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 10 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ \times\ 10 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times\ 9 \\ \hline \end{array}$

5)
  $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ \times\ 12 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 12 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}$

6)
  $\begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}$

7)
  $\begin{array}{r} 9 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 10 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times\ 12 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 9 \\ \hline \end{array}$

8)
  $\begin{array}{r} 7 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ \times\ 12 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 9 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 11 \\ \hline \end{array}$

9)
  $\begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 7 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times\ 4 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times\ 6 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times\ 2 \\ \hline \end{array}$

10)
  $\begin{array}{r} 8 \\ \times\ 10 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 11 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times\ 8 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times\ 2 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ \times\ 10 \\ \hline \end{array}$

DIVIDENDS THROUGH 12

1) 8)32   1)5   1)6   3)21   10)10   6)6   7)7   7)21

2) 10)100   3)33   11)88   3)24   2)4   8)24   3)24   7)42

3) 9)108   12)144   10)50   8)48   4)32   11)22   2)14   9)90

4) 10)120   4)48   4)28   9)99   9)54   1)8   2)18   4)4

5) 2)16   9)54   6)60   2)12   8)8   4)4   11)55   9)108

6) 8)56   12)132   8)64   5)5   4)48   12)84   7)77   12)108

7) 5)30   5)35   1)2   1)9   11)99   1)1   7)70   10)70

8) 1)12   10)10   5)50   9)90   6)36   3)27   12)72   3)15

9) 12)144   1)1   12)36   7)14   8)40   5)20   11)11   4)8

10) 9)27   8)16   11)88   11)110   5)60   5)50   7)84   6)42

11) 10)20   11)44   5)20   7)42   8)24   12)96   3)12   11)55

12) 9)27   4)36   2)12   11)66   8)40   6)6   10)60   12)132

13) 10)20   8)48   1)7   2)16

Worksheet 6

1)

$8\overline{)32}$ $1\overline{)5}$ $1\overline{)6}$ $3\overline{)21}$ $10\overline{)10}$ $6\overline{)6}$ $7\overline{)7}$ $7\overline{)21}$

2)

$10\overline{)100}$ $3\overline{)33}$ $11\overline{)88}$ $3\overline{)24}$ $2\overline{)4}$ $8\overline{)24}$ $3\overline{)24}$ $7\overline{)42}$

3)

$9\overline{)108}$ $12\overline{)144}$ $10\overline{)50}$ $8\overline{)48}$ $4\overline{)32}$ $11\overline{)22}$ $2\overline{)14}$ $9\overline{)90}$

4)

$10\overline{)120}$ $4\overline{)48}$ $4\overline{)28}$ $9\overline{)99}$ $9\overline{)54}$ $1\overline{)8}$ $2\overline{)18}$ $4\overline{)4}$

5)

$2\overline{)16}$ $9\overline{)54}$ $6\overline{)60}$ $2\overline{)12}$ $8\overline{)8}$ $4\overline{)4}$ $11\overline{)55}$ $9\overline{)108}$

6)

$8\overline{)56}$ $12\overline{)132}$ $8\overline{)64}$ $5\overline{)5}$ $4\overline{)48}$ $12\overline{)84}$ $7\overline{)77}$ $12\overline{)108}$

7)

$5\overline{)30}$ $5\overline{)35}$ $1\overline{)2}$ $1\overline{)9}$ $11\overline{)99}$ $1\overline{)1}$ $7\overline{)70}$ $10\overline{)70}$

8)

$1\overline{)12}$ $10\overline{)10}$ $5\overline{)50}$ $9\overline{)90}$ $6\overline{)36}$ $3\overline{)27}$ $12\overline{)72}$ $3\overline{)15}$

9)

$12\overline{)144}$ $1\overline{)1}$ $12\overline{)36}$ $7\overline{)14}$ $8\overline{)40}$ $5\overline{)20}$ $11\overline{)11}$ $4\overline{)8}$

10)

$9\overline{)27}$ $8\overline{)16}$ $11\overline{)88}$ $11\overline{)110}$ $5\overline{)60}$ $5\overline{)50}$ $7\overline{)84}$ $6\overline{)42}$

11)

$10\overline{)20}$ $11\overline{)44}$ $5\overline{)20}$ $7\overline{)42}$ $8\overline{)24}$ $12\overline{)96}$ $3\overline{)12}$ $11\overline{)55}$

12)

$9\overline{)27}$ $4\overline{)36}$ $2\overline{)12}$ $11\overline{)66}$ $8\overline{)40}$ $6\overline{)6}$ $10\overline{)60}$ $12\overline{)132}$

13)

$10\overline{)20}$ $8\overline{)48}$ $1\overline{)7}$ $2\overline{)16}$

ADDENDS THROUGH 18

1)

11	15	14	18	12	5	11	11	9	6
+ 0	+ 10	+ 5	+ 11	+ 14	+ 4	+ 10	+ 14	+ 9	+ 17

2)

13	6	12	3	8	4	17	6	17	6
+ 3	+ 2	+ 1	+ 8	+ 6	+ 5	+ 3	+ 10	+ 10	+ 14

3)

3	0	9	9	8	15	16	16	4	1
+ 3	+ 10	+ 2	+ 2	+ 9	+ 16	+ 0	+ 15	+ 12	+ 14

4)

4	12	6	6	11	14	15	13	4	18
+ 17	+ 6	+ 3	+ 7	+ 12	+ 9	+ 8	+ 4	+ 6	+ 8

5)

15	1	9	10	0	11	0	16	9	16
+ 13	+ 16	+ 5	+ 17	+ 8	+ 8	+ 9	+ 11	+ 0	+ 15

6)

0	18	9	11	6	16	14	5	4	8
+ 6	+ 0	+ 0	+ 12	+ 8	+ 1	+ 0	+ 1	+ 1	+ 15

7)

15	3	5	13	1	15	7	9	16	14
+ 6	+ 15	+ 11	+ 8	+ 6	+ 12	+ 3	+ 15	+ 9	+ 9

8)

0	14	16	9	13	1	1	2	6	12
+ 16	+ 8	+ 10	+ 16	+ 8	+ 2	+ 9	+ 13	+ 17	+ 13

9)

2	18	8	10	1	3	3	9	11	2
+ 6	+ 14	+ 9	+ 6	+ 5	+ 1	+ 11	+ 3	+ 6	+ 1

10)

15	7	7	4	11	0	2	14	0	18
+ 16	+ 12	+ 2	+ 1	+ 7	+ 6	+ 9	+ 7	+ 4	+ 14

ADDENDS THROUGH 18

1)
```
   11        15        14        18        12         5        11        11         9         6
 +  0      + 10      +  5      + 11      + 14      +  4      + 10      + 14      +  9      + 17
```

2)
```
   13         6        12         3         8         4        17         6        17         6
 +  3      +  2      +  1      +  8      +  6      +  5      +  3      + 10      + 10      + 14
```

3)
```
    3         0         9         9         8        15        16        16         4         1
 +  3      + 10      +  2      +  2      +  9      + 16      +  0      + 15      + 12      + 14
```

4)
```
    4        12         6         6        11        14        15        13         4        18
 + 17      +  6      +  3      +  7      + 12      +  9      +  8      +  4      +  6      +  8
```

5)
```
   15         1         9        10         0        11         0        16         9        16
 + 13      + 16      +  5      + 17      +  8      +  8      +  9      + 11      +  0      + 15
```

6)
```
    0        18         9        11         6        16        14         5         4         8
 +  6      +  0      +  0      + 12      +  8      +  1      +  0      +  1      +  1      + 15
```

7)
```
   15         3         5        13         1        15         7         9        16        14
 +  6      + 15      + 11      +  8      +  6      + 12      +  3      + 15      +  9      +  9
```

8)
```
    0        14        16         9        13         1         1         2         6        12
 + 16      +  8      + 10      + 16      +  8      +  2      +  9      + 13      + 17      + 13
```

9)
```
    2        18         8        10         1         3         3         9        11         2
 +  6      + 14      +  9      +  6      +  5      +  1      + 11      +  3      +  6      +  1
```

10)
```
   15         7         7         4        11         0         2        14         0        18
 + 16      + 12      +  2      +  1      +  7      +  6      +  9      +  7      +  4      + 14
```

MINUENDS THROUGH 18

1)
15	1	10	11	13	1	4	17	18	1
- 9	- 1	- 8	- 2	- 10	- 1	- 3	- 14	- 11	- 1

2)
7	13	13	13	3	3	5	18	1	6
- 3	- 12	- 13	- 7	- 3	- 3	- 3	- 10	- 1	- 2

3)
9	4	6	17	4	1	9	18	3	14
- 9	- 2	- 3	- 1	- 1	- 1	- 8	- 14	- 3	- 1

4)
4	8	9	2	3	9	18	16	8	2
- 3	- 6	- 8	- 2	- 1	- 5	- 2	- 3	- 6	- 2

5)
11	18	16	3	13	9	2	8	10	10
- 5	- 8	- 4	- 1	- 6	- 5	- 1	- 7	- 8	- 5

6)
18	8	11	15	15	10	8	17	16	6
- 12	- 8	- 3	- 6	- 4	- 10	- 4	- 5	- 16	- 6

7)
6	9	16	1	6	8	5	3	16	4
- 5	- 4	- 4	- 1	- 4	- 3	- 3	- 2	- 12	- 1

8)
15	7	14	11	7	7	5	13	18	15
- 8	- 3	- 14	- 4	- 5	- 7	- 4	- 13	- 9	- 3

9)
6	8	2	10	2	2	9	3	3	7
- 1	- 8	- 1	- 4	- 2	- 2	- 1	- 3	- 3	- 1

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

MINUENDS THROUGH 18

1)
$$15 - 9 \quad 1 - 1 \quad 10 - 8 \quad 11 - 2 \quad 13 - 10 \quad 1 - 1 \quad 4 - 3 \quad 17 - 14 \quad 18 - 11 \quad 1 - 1$$

2)
$$7 - 3 \quad 13 - 12 \quad 13 - 13 \quad 13 - 7 \quad 3 - 3 \quad 3 - 3 \quad 5 - 3 \quad 18 - 10 \quad 1 - 1 \quad 6 - 2$$

3)
$$9 - 9 \quad 4 - 2 \quad 6 - 3 \quad 17 - 1 \quad 4 - 1 \quad 1 - 1 \quad 9 - 8 \quad 18 - 14 \quad 3 - 3 \quad 14 - 1$$

4)
$$4 - 3 \quad 8 - 6 \quad 9 - 8 \quad 2 - 2 \quad 3 - 1 \quad 9 - 5 \quad 18 - 2 \quad 16 - 3 \quad 8 - 6 \quad 2 - 2$$

5)
$$11 - 5 \quad 18 - 8 \quad 16 - 4 \quad 3 - 1 \quad 13 - 6 \quad 9 - 5 \quad 2 - 1 \quad 8 - 7 \quad 10 - 8 \quad 10 - 5$$

6)
$$18 - 12 \quad 8 - 8 \quad 11 - 3 \quad 15 - 6 \quad 15 - 4 \quad 10 - 10 \quad 8 - 4 \quad 17 - 5 \quad 16 - 16 \quad 6 - 6$$

7)
$$6 - 5 \quad 9 - 4 \quad 16 - 4 \quad 1 - 1 \quad 6 - 4 \quad 8 - 3 \quad 5 - 3 \quad 3 - 2 \quad 16 - 12 \quad 4 - 1$$

8)
$$15 - 8 \quad 7 - 3 \quad 14 - 14 \quad 11 - 4 \quad 7 - 5 \quad 7 - 7 \quad 5 - 4 \quad 13 - 13 \quad 18 - 9 \quad 15 - 3$$

9)
$$6 - 1 \quad 8 - 8 \quad 2 - 1 \quad 10 - 4 \quad 2 - 2 \quad 2 - 2 \quad 9 - 1 \quad 3 - 3 \quad 3 - 3 \quad 7 - 1$$

10)
$$13 - 11 \quad 4 - 1 \quad 5 - 3 \quad 9 - 2 \quad 13 - 7 \quad 1 - 1 \quad 5 - 3 \quad 6 - 6 \quad 3 - 2 \quad 6 - 5$$

MULTIPLES & MULTIPLIERS THROUGH 12

1)
$$\begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 5 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 6 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 8 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 12 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 11 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 12 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 3 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 6 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 1 \\ \times\ 11 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 5 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 11 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 10 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 3 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 11 \\ \hline \end{array}\quad \begin{array}{r} 3 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 3 \\ \times\ 6 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 8 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 11 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 2 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 12 \\ \times\ 12 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 12 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 2 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 10 \\ \hline \end{array}\quad \begin{array}{r} 2 \\ \times\ 2 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 3 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 6 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 9 \\ \times\ 1 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 4 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 5 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 12 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 10 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 5 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 5 \\ \times\ 8 \\ \hline \end{array}\quad \begin{array}{r} 8 \\ \times\ 6 \\ \hline \end{array}\quad \begin{array}{r} 11 \\ \times\ 3 \\ \hline \end{array}\quad \begin{array}{r} 12 \\ \times\ 9 \\ \hline \end{array}\quad \begin{array}{r} 10 \\ \times\ 8 \\ \hline \end{array}\quad \begin{array}{r} 12 \\ \times\ 7 \\ \hline \end{array}\quad \begin{array}{r} 4 \\ \times\ 8 \\ \hline \end{array}\quad \begin{array}{r} 1 \\ \times\ 11 \\ \hline \end{array}\quad \begin{array}{r} 7 \\ \times\ 8 \\ \hline \end{array}$$

MULTIPLES & MULTIPLIERS THROUGH 12

1)
$$\begin{array}{r}3\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 5\\ \hline\end{array}$$

2)
$$\begin{array}{r}6\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 8\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}12\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 11\\ \hline\end{array}$$

3)
$$\begin{array}{r}12\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}3\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 6\\ \hline\end{array}$$

4)
$$\begin{array}{r}1\\ \times\ 11\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 5\\ \hline\end{array}$$

5)
$$\begin{array}{r}11\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 10\\ \hline\end{array}$$

6)
$$\begin{array}{r}3\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 11\\ \hline\end{array}\quad \begin{array}{r}3\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}3\\ \times\ 6\\ \hline\end{array}$$

7)
$$\begin{array}{r}5\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 8\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 11\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 2\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}12\\ \times\ 12\\ \hline\end{array}$$

8)
$$\begin{array}{r}12\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 2\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 10\\ \hline\end{array}\quad \begin{array}{r}2\\ \times\ 2\\ \hline\end{array}$$

9)
$$\begin{array}{r}3\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}6\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}9\\ \times\ 1\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 4\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 5\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 12\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 10\\ \hline\end{array}$$

10)
$$\begin{array}{r}5\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}5\\ \times\ 8\\ \hline\end{array}\quad \begin{array}{r}8\\ \times\ 6\\ \hline\end{array}\quad \begin{array}{r}11\\ \times\ 3\\ \hline\end{array}\quad \begin{array}{r}12\\ \times\ 9\\ \hline\end{array}\quad \begin{array}{r}10\\ \times\ 8\\ \hline\end{array}\quad \begin{array}{r}12\\ \times\ 7\\ \hline\end{array}\quad \begin{array}{r}4\\ \times\ 8\\ \hline\end{array}\quad \begin{array}{r}1\\ \times\ 11\\ \hline\end{array}\quad \begin{array}{r}7\\ \times\ 8\\ \hline\end{array}$$

DIVIDENDS THROUGH 12

1)
$3\overline{)36}$ $9\overline{)108}$ $11\overline{)33}$ $2\overline{)16}$ $7\overline{)56}$ $1\overline{)5}$ $5\overline{)30}$ $2\overline{)6}$

2)
$1\overline{)6}$ $12\overline{)48}$ $7\overline{)63}$ $11\overline{)33}$ $10\overline{)50}$ $6\overline{)12}$ $1\overline{)4}$ $12\overline{)48}$

3)
$2\overline{)12}$ $1\overline{)12}$ $5\overline{)30}$ $4\overline{)8}$ $8\overline{)96}$ $9\overline{)54}$ $8\overline{)56}$ $10\overline{)90}$

4)
$9\overline{)90}$ $10\overline{)110}$ $3\overline{)18}$ $5\overline{)45}$ $11\overline{)88}$ $1\overline{)4}$ $10\overline{)80}$ $7\overline{)77}$

5)
$3\overline{)27}$ $10\overline{)90}$ $3\overline{)6}$ $12\overline{)72}$ $2\overline{)14}$ $6\overline{)24}$ $8\overline{)64}$ $9\overline{)81}$

6)
$4\overline{)44}$ $3\overline{)12}$ $12\overline{)48}$ $8\overline{)48}$ $12\overline{)48}$ $6\overline{)48}$ $12\overline{)12}$ $9\overline{)18}$

7)
$2\overline{)24}$ $8\overline{)64}$ $9\overline{)90}$ $2\overline{)22}$ $12\overline{)72}$ $9\overline{)81}$ $2\overline{)18}$ $1\overline{)7}$

8)
$3\overline{)15}$ $3\overline{)18}$ $9\overline{)63}$ $7\overline{)63}$ $9\overline{)72}$ $11\overline{)110}$ $4\overline{)16}$ $12\overline{)60}$

9)
$1\overline{)7}$ $1\overline{)4}$ $10\overline{)90}$ $7\overline{)77}$ $1\overline{)10}$ $7\overline{)7}$ $6\overline{)54}$ $3\overline{)6}$

10)
$3\overline{)36}$ $10\overline{)30}$ $1\overline{)1}$ $10\overline{)120}$ $6\overline{)72}$ $3\overline{)12}$ $9\overline{)27}$ $2\overline{)14}$

11)
$6\overline{)42}$ $12\overline{)108}$ $11\overline{)121}$ $4\overline{)12}$ $12\overline{)84}$ $9\overline{)90}$ $1\overline{)7}$ $8\overline{)16}$

12)
$9\overline{)9}$ $5\overline{)60}$ $10\overline{)80}$ $8\overline{)72}$ $11\overline{)77}$ $5\overline{)55}$ $9\overline{)45}$ $4\overline{)12}$

13)
$5\overline{)35}$ $11\overline{)11}$ $11\overline{)11}$ $10\overline{)30}$

DIVIDENDS THROUGH 12

1)
$3\overline{)36}$ $9\overline{)108}$ $11\overline{)33}$ $2\overline{)16}$ $7\overline{)56}$ $1\overline{)5}$ $5\overline{)30}$ $2\overline{)6}$

2)
$1\overline{)6}$ $12\overline{)48}$ $7\overline{)63}$ $11\overline{)33}$ $10\overline{)50}$ $6\overline{)12}$ $1\overline{)4}$ $12\overline{)48}$

3)
$2\overline{)12}$ $1\overline{)12}$ $5\overline{)30}$ $4\overline{)8}$ $8\overline{)96}$ $9\overline{)54}$ $8\overline{)56}$ $10\overline{)90}$

4)
$9\overline{)90}$ $10\overline{)110}$ $3\overline{)18}$ $5\overline{)45}$ $11\overline{)88}$ $1\overline{)4}$ $10\overline{)80}$ $7\overline{)77}$

5)
$3\overline{)27}$ $10\overline{)90}$ $3\overline{)6}$ $12\overline{)72}$ $2\overline{)14}$ $6\overline{)24}$ $8\overline{)64}$ $9\overline{)81}$

6)
$4\overline{)44}$ $3\overline{)12}$ $12\overline{)48}$ $8\overline{)48}$ $12\overline{)48}$ $6\overline{)48}$ $12\overline{)12}$ $9\overline{)18}$

7)
$2\overline{)24}$ $8\overline{)64}$ $9\overline{)90}$ $2\overline{)22}$ $12\overline{)72}$ $9\overline{)81}$ $2\overline{)18}$ $1\overline{)7}$

8)
$3\overline{)15}$ $3\overline{)18}$ $9\overline{)63}$ $7\overline{)63}$ $9\overline{)72}$ $11\overline{)110}$ $4\overline{)16}$ $12\overline{)60}$

9)
$1\overline{)7}$ $1\overline{)4}$ $10\overline{)90}$ $7\overline{)77}$ $1\overline{)10}$ $7\overline{)7}$ $6\overline{)54}$ $3\overline{)6}$

10)
$3\overline{)36}$ $10\overline{)30}$ $1\overline{)1}$ $10\overline{)120}$ $6\overline{)72}$ $3\overline{)12}$ $9\overline{)27}$ $2\overline{)14}$

11)
$6\overline{)42}$ $12\overline{)108}$ $11\overline{)121}$ $4\overline{)12}$ $12\overline{)84}$ $9\overline{)90}$ $1\overline{)7}$ $8\overline{)16}$

12)
$9\overline{)9}$ $5\overline{)60}$ $10\overline{)80}$ $8\overline{)72}$ $11\overline{)77}$ $5\overline{)55}$ $9\overline{)45}$ $4\overline{)12}$

13)
$5\overline{)35}$ $11\overline{)11}$ $11\overline{)11}$ $10\overline{)30}$

MIXED

1)   35   4   7   4   6   5   7   5   63   0
   ÷   7   +   0   ÷   1   x   4   x 11   + 12   x   4   -   4   ÷   9   +   4

2)   33   11   66   14   4   17   15   14   4   90
   ÷   3   x 10   ÷ 11   -   9   x   4   - 12   +   9   +   9   x   2   ÷   9

3)   11   13   15   66   4   8   99   70   1   12
   +   3   -   5   +   9   ÷ 11   -   1   x   1   ÷   9   ÷   7   x   3   -   6

4)   7   30   3   4   2   99   24   4   36   9
   -   1   ÷   3   x   5   -   4   ÷   2   ÷ 11   ÷   4   x   5   ÷ 12   +   6

5)   15   1   110   2   17   8   5   11   14   4
   +   9   x   6   ÷ 11   -   2   + 15   +   5   ÷   1   - 10   +   5   +   7

6)   17   14   11   18   10   3   12   13   18   2
   + 11   -   1   x   4   + 18   x 12   -   3   x   1   + 10   +   1   ÷   1

7)   8   32   9   60   3   11   15   9   2   10
   + 18   ÷   8   x   4   ÷   5   x   2   ÷ 11   -   4   -   3   -   2   + 17

8)   5   10   18   20   6   17   4   0   80   6
   +   3   ÷   1   - 13   ÷   5   -   1   + 14   x   6   + 16   ÷   8   x   9

9)   3   3   12   18   18   10   8   17   11   11
   -   2   -   3   x 12   +   6   ÷   3   -   8   ÷   2   + 11   x   3   -   8

10)   6   6   8   6   16   11   4   14   6   6
   + 15   x   1   x   4   x   7   -   8   x   6   -   2   -   5   x   3   -   3

MIXED

1)   35   4   7   4   6   5   7   5   63   0
     ÷   7   +   0   ÷   1   x   4   x 11   + 12   x   4   -   4   ÷   9   +   4

2)   33   11   66   14   4   17   15   14   4   90
     ÷   3   x 10   ÷ 11   -   9   x   4   - 12   +   9   +   9   x   2   ÷   9

3)   11   13   15   66   4   8   99   70   1   12
     +   3   -   5   +   9   ÷ 11   -   1   x   1   ÷   9   ÷   7   x   3   -   6

4)   7   30   3   4   2   99   24   4   36   9
     -   1   ÷   3   x   5   -   4   ÷   2   ÷ 11   ÷   4   x   5   ÷ 12   +   6

5)   15   1   110   2   17   8   5   11   14   4
     +   9   x   6   ÷ 11   -   2   + 15   +   5   ÷   1   - 10   +   5   +   7

6)   17   14   11   18   10   3   12   13   18   2
     + 11   -   1   x   4   + 18   x 12   -   3   x   1   + 10   +   1   ÷   1

7)   8   32   9   60   3   11   15   9   2   10
     + 18   ÷   8   x   4   ÷   5   x   2   ÷ 11   -   4   -   3   -   2   + 17

8)   5   10   18   20   6   17   4   0   80   6
     +   3   ÷   1   - 13   ÷   5   -   1   + 14   x   6   + 16   ÷   8   x   9

9)   3   3   12   18   18   10   8   17   11   11
     -   2   -   3   x 12   +   6   ÷   3   -   8   ÷   2   + 11   x   3   -   8

10)   6   6   8   6   16   11   4   14   6   6
     + 15   x   1   x   4   x   7   -   8   x   6   -   2   -   5   x   3   -   3

MIXED

1) 16   5   64   10   3   8   7   1   110   14
    ÷ 2   + 14   ÷ 8   x 12   x 6   + 18   x 10   - 1   ÷ 10   + 2

2) 77   9   55   4   6   8   4   12   9   14
    ÷ 7   x 10   ÷ 11   - 1   x 1   - 3   + 14   + 5   x 11   ÷ 2

3) 2   10   0   24   5   7   56   28   5   17
    + 10   - 2   + 6   ÷ 12   - 3   x 1   ÷ 8   ÷ 4   x 6   - 14

4) 1   99   4   13   16   36   3   12   32   13
    - 1   ÷ 9   x 11   - 13   ÷ 8   ÷ 9   ÷ 1   x 11   ÷ 4   + 13

5) 6   10   33   7   7   0   12   12   14   1
    + 17   x 10   ÷ 3   - 4   + 4   + 15   ÷ 12   - 12   + 0   + 7

6) 2   9   6   7   6   18   8   2   15   40
    + 12   - 2   x 7   + 6   x 2   - 13   x 3   + 17   + 18   ÷ 5

7) 17   120   2   32   9   72   12   1   3   10
    + 12   ÷ 12   x 6   ÷ 8   x 8   ÷ 9   - 7   - 1   - 1   + 5

8) 9   42   1   24   2   4   1   9   14   1
    + 6   ÷ 7   - 1   ÷ 4   - 1   + 12   x 1   + 4   ÷ 7   x 5

9) 8   15   8   3   5   1   49   17   10   1
    - 7   - 7   x 7   + 10   ÷ 1   - 1   ÷ 7   + 1   x 1   - 1

10) 1   4   3   1   14   2   10   4   9   14
    + 1   x 4   x 1   x 3   - 5   x 10   - 6   - 2   x 10   - 6

MIXED

1)   16   5   64   10   3   8   7   1   110   14
   ÷   2   +   14   ÷   8   x   12   x   6   +   18   x   10   -   1   ÷   10   +   2

2)   77   9   55   4   6   8   4   12   9   14
   ÷   7   x   10   ÷   11   -   1   x   1   -   3   +   14   +   5   x   11   ÷   2

3)   2   10   0   24   5   7   56   28   5   17
   +   10   -   2   +   6   ÷   12   -   3   x   1   ÷   8   ÷   4   x   6   -   14

4)   1   99   4   13   16   36   3   12   32   13
   -    1   ÷   9   x   11   -   13   ÷   8   ÷   9   ÷   1   x   11   ÷   4   +   13

5)   6   10   33   7   7   0   12   12   14   1
   +   17   x   10   ÷   3   -   4   +   4   +   15   ÷   12   -   12   +   0   +   7

6)   2   9   6   7   6   18   8   2   15   40
   +   12   -   2   x   7   +   6   x   2   -   13   x   3   +   17   +   18   ÷   5

7)   17   120   2   32   9   72   12   1   3   10
   +   12   ÷   12   x   6   ÷   8   x   8   ÷   9   -   7   -   1   -   1   +   5

8)   9   42   1   24   2   4   1   9   14   1
   +   6   ÷   7   -   1   ÷   4   -   1   +   12   x   1   +   4   ÷   7   x   5

9)   8   15   8   3   5   1   49   17   10   1
   -    7   -   7   x   7   +   10   ÷   1   -   1   ÷   7   +   1   x   1   -   1

10)   1   4   3   1   14   2   10   4   9   14
   +   1   x   4   x   1   x   3   -   5   x   10   -   6   -   2   x   10   -   6

WORKSHEET 1
1)   12   48   6   20   6   18   18   6   4 110
2)   70   6   60 120   12   30   28   32 121   56
3)   108   55   36   66 132   30   4   42   33   4
4)   100   27   80   77   81   72   20   5   11   18
5)   20   40   54   40   30   12   72   8   45   9
6)   40   72   35   40   96   99   16   77   90   20
7)   77   7   50   28   35   15   48   99   10   3
8)   66   77   6   80   5   24   10   42   44   24
9)   54   55   6   33   81   12   24 132   6   30
10)   50   24   49   22   35   14   10   36   10   70

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

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

WORKSHEET 4
1)   0   3   0   0   1   12   6   3   5   9
2)   3   3   6   4   10   0   2   4   1   1
3)   0   2   7   2   11   11   2   2   8   2
4)   0   3   3   2   1   7   12   1   2   4
5)   3   0   16   8   0   5   0   13   8   3
6)   1   12   4   2   10   6   6   2   1   6
7)   1   4   0   2   5   1   0   6   0   13
8)   2   1   6   2   3   13   1   3   4   0
9)   10   10   1   16   5   9   3   1   13   0
10)   1   5   4   11   3   1   7   16   6   13

WORKSHEET 5

1)	5	10	8	35	6	72	16	20	60	54
2)	18	30	42	77	14	90	24	24	18	80
3)	45	35	20	18	36	16	80	81	35	5
4)	18	22	70	60	7	55	8	80	45	54
5)	21	45	5	21	1	121	56	96	108	45
6)	24	12	84	2	72	8	110	22	42	30
7)	72	3	7	44	24	81	80	50	36	18
8)	77	36	22	12	30	132	8	63	15	132
9)	7	12	96	14	30	8	27	60	45	2
10)	80	24	8	24	7	55	48	21	10	120

WORKSHEET 6

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

WORKSHEET 7

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

WORKSHEET 8

1)	6	0	2	9	3	0	1	3	7	0
2)	4	1	0	6	0	0	2	8	0	4
3)	0	2	3	16	3	0	1	4	0	13
4)	1	2	1	0	2	4	16	13	2	0
5)	6	10	12	2	7	4	1	1	2	5
6)	6	0	8	9	11	0	4	12	0	0
7)	1	5	12	0	2	5	2	1	4	3
8)	7	4	0	7	2	0	1	0	9	12
9)	5	0	1	6	0	0	8	0	0	6
10)	2	3	2	7	6	0	2	0	1	1

WORKSHEET 9

1)	18	18	40	56	42	12	32	60	45	45
2)	18	56	80	24	12	24	35	33	6	99
3)	60	36	40	9	60	15	24	35	7	54
4)	11	4	96	100	30	132	36	77	5	10
5)	44	36	27	40	16	36	30	30	20	50
6)	9	5	81	10	84	4	8	11	3	18
7)	45	12	45	16	88	72	18	28	25	144
8)	84	66	20	8	12	28	35	4	60	4
9)	15	66	63	99	6	9	32	55	12	80
10)	45	40	48	33	108	80	84	32	11	56

WORKSHEET 10

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

WORKSHEET 11

1)	5	4	7	16	66	17	28	1	7	4
2)	11	110	6	5	16	5	24	23	8	10
3)	14	8	24	6	3	8	11	10	3	6
4)	6	10	15	0	1	9	6	20	3	15
5)	24	6	10	0	32	13	5	1	19	11
6)	28	13	44	36	120	0	12	23	19	2
7)	26	4	36	12	6	1	11	6	0	27
8)	8	10	5	4	5	31	24	16	1	54
9)	1	0	144	24	6	2	4	28	33	3
10)	21	6	32	42	8	66	2	9	18	3

WORKSHEET 12

1)	8	19	8	120	18	26	70	0	11	16
2)	11	90	5	3	6	5	18	17	99	7
3)	12	8	6	2	2	7	7	7	30	3
4)	0	11	44	0	2	4	3	132	8	26
5)	23	100	11	3	11	15	1	0	14	8
6)	14	7	42	13	12	5	24	19	33	8
7)	29	10	12	4	72	8	5	0	2	15
8)	15	6	0	6	1	16	1	13	2	5
9)	1	8	56	13	5	0	7	18	10	0
10)	2	16	3	3	9	20	4	2	90	8