

Name: _____

Date: _____

Long Multiplication

$$\begin{array}{r} 32 \\ \times 31 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 48 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ \times 55 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 32 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 45 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

Prime Numbers

Circle the prime number in each set.

a) 12, 17, 18, 21.

d) 68, 71, 72, 75.

g) 3468, 3469, 3470, 3472,

b) 31, 32, 33, 34.

e) 36, 49, 81, 83.

h) Calculate the sum of all the

c) 57, 58, 59, 60.

f) 90, 94, 97, 99.

prime numbers between 10 and 30.

Number Patterns

Work out the fifth number in each pattern.

a) 2, 4, 6, 8 _____

b) 5, 10, 15, 20, _____

c) 4, 12, 20, 28 _____

d) 2, 4, 8, 16, _____

Work out the tenth number in each pattern.

a) 20, 40, 60..... _____
10th number

b) 1, 4, 9, 16, 25..... _____
10th number

c) 9, 18, 27, 36..... _____
10th number

d) 500, 475, 450, 425..... _____
10th number

Balancing equations

$12 \times 6 = 50 + \underline{\quad}$

$\underline{\quad} \times 6 = 50 + 100$

$15 \times 5 = 35 + \underline{\quad}$

$12 \times \underline{\quad} = 100 - 40$

$100 \times 6 = 500 + \underline{\quad}$

$\underline{\quad} \times 5 = 80 \times 10$

$45 \times 6 = 500 - \underline{\quad}$

$45 \times \underline{\quad} = 81 \times 5$

$56 \times 8 = 4 \times \underline{\quad}$

$90 \times 8 = \underline{\quad} - 280$

For more
information about
prime numbers go
to
<http://primes.utm.edu>
Remember to ask
your parents first!