The value of numbers

Maths worksheets from urbrainy.com

Here are some counters in a place value grid. What is the total value represented by the counters?

100s	10s	1s
● ● ●	● ●	●

Total value: .....

Using all six counters how many different three digit numbers can you make?

There is one rule.

You must have at least one counter in each of the hundreds, tens and units.

Try to work in a logical order.

Write down all the numbers you can make here:

....

....

What other three digit numbers could you make if you were allowed no counters in some of the grid? (e.g. 501)

....

....

Name:

The value of numbers

Maths worksheets from urbrainy.com

Here are some counters in a place value grid. What is the total value represented by the counters?

100s	10s	1s
● ● ● ●	● ●	●

Total value: .....

Using all seven counters how many different three digit numbers can you make? There is one rule.

You must have at least one counter in each of the hundreds, tens and units.

Write down all the numbers you can make here:

....

....

....

What other three digit numbers could you make if you were allowed no counters in some of the grid? (e.g. 601)

....

....

....

....

Name: Page 2

Extension Challenges

Missing digits: 3-digit addition

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1.
$$\begin{array}{r} 2\,3\,\square \\ +\ 4\,\square\,2 \\ \hline \square\,9\,7 \end{array}$$

2.
$$\begin{array}{r} \square\,5\,7 \\ +\ 6\,\square\,2 \\ \hline 7\,5\,\square \end{array}$$

3.
$$\begin{array}{r} 1\,\square\,8 \\ +\ \square\,4\,7 \\ \hline 5\,8\,\square \end{array}$$

4.
$$\begin{array}{r} \square\,6\,7 \\ +\ 4\,2\,\square \\ \hline 7\,\square\,0 \end{array}$$

5.
$$\begin{array}{r} 6\,\square\,4 \\ +\ 2\,5\,\square \\ \hline \square\,2\,7 \end{array}$$

6.
$$\begin{array}{r} 5\,9\,\square \\ +\ \square\,8\,6 \\ \hline 7\,\square\,9 \end{array}$$

Name:

Extension Challenges

Missing digits: 3-digit addition

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1.
$$\begin{array}{r} 3\,4\,\square \\ +\ 5\,\square\,2 \\ \hline \square\,8\,8 \end{array}$$

2.
$$\begin{array}{r} \square\,6\,9 \\ +\ 4\,\square\,0 \\ \hline 6\,9\,\square \end{array}$$

3.
$$\begin{array}{r} 2\,\square\,7 \\ +\ \square\,3\,6 \\ \hline 3\,8\,\square \end{array}$$

4.
$$\begin{array}{r} \square\,2\,5 \\ +\ 1\,3\,\square \\ \hline 5\,\square\,0 \end{array}$$

5.
$$\begin{array}{r} 3\,\square\,2 \\ +\ 2\,7\,\square \\ \hline \square\,3\,7 \end{array}$$

6.
$$\begin{array}{r} 4\,9\,\square \\ +\ \square\,9\,3 \\ \hline 7\,\square\,5 \end{array}$$

Missing digits: 3-digit addition

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1.

	1	2	☐
+	5	☐	3
	☐	9	9

2.

	☐	0	5
+	2	☐	4
	8	3	☐

3.

	2	☐	6
+	☐	3	7
	3	8	☐

4.

	☐	7	9
+	5	1	☐
	8	☐	0

5.

	7	☐	4
+	1	7	☐
	☐	3	7

6.

	5	2	☐
+	☐	8	2
	7	☐	8

Missing digits: 3-digit addition

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1.

	2	4	□
+	3	□	2
	□	9	7

2.

	□	4	6
+	1	□	2
	9	4	□

3.

	5	□	7
+	□	2	4
	6	3	□

4.

	□	0	6
+	2	0	□
	9	□	0

5.

	6	□	2
+	2	7	□
	□	4	8

6.

	4	3	□
+	□	8	3
	7	□	8

Name:

Extension Challenges

Missing digits: subtraction (3)

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1. $\begin{array}{r} 7\square \\ -\ \square 6 \\ \hline 12 \end{array}$

2. $\begin{array}{r} \square 6 \\ -\ 1\square \\ \hline 43 \end{array}$

3. $\begin{array}{r} \square 1 \\ -\ 3\square \\ \hline 53 \end{array}$

4. $\begin{array}{r} \square 1 \\ -\ 3\square \\ \hline 36 \end{array}$

5. $\begin{array}{r} 5\square \\ -\ \square 8 \\ \hline 4 \end{array}$

6. $\begin{array}{r} \square 5 \\ -\ 2\square \\ \hline 45 \end{array}$

7. $\begin{array}{r} 9\square \\ -\ \square 9 \\ \hline 30 \end{array}$

8. $\begin{array}{r} \square 1 \\ -\ 3\square \\ \hline 5 \end{array}$

9. $\begin{array}{r} \square 1 \\ -\ 1\square \\ \hline 63 \end{array}$

Name:

Missing digits: subtraction (3)

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1. $3\square - \square 1 = 8$

2. $\square 1 - 1\square = 70$

3. $\square 8 - 4\square = 9$

4. $\square 2 - 3\square = 15$

5. $5\square - \square 8 = 41$

6. $\square 5 - 2\square = 6$

7. $8\square - \square 6 = 73$

8. $\square 7 - 3\square = 66$

9. $\square 4 - 4\square = 18$

Missing digits: subtraction (3)

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1. $5\square - \square 4 = 43$

2. $\square 8 - 2\square = 66$

3. $\square 3 - 6\square = 6$

4. $\square 8 - 6\square = 38$

5. $8\square - \square 7 = 26$

6. $\square 0 - 5\square = 25$

7. $8\square - \square 4 = 49$

8. $\square 2 - 5\square = 6$

9. $\square 0 - 2\square = 45$

Extension Challenges

Missing digits: subtraction (3)

Maths worksheets from urbrainy.com

Fill in the missing numbers to make the calculations correct.

1. $\begin{array}{r} 8\square \\ -\ \square 2 \\ \hline 64 \end{array}$

2. $\begin{array}{r} \square 6 \\ -\ 7\square \\ \hline 5 \end{array}$

3. $\begin{array}{r} \square 3 \\ -\ 4\square \\ \hline 9 \end{array}$

4. $\begin{array}{r} \square 3 \\ -\ 1\square \\ \hline 31 \end{array}$

5. $\begin{array}{r} 7\square \\ -\ \square 3 \\ \hline 15 \end{array}$

6. $\begin{array}{r} \square 0 \\ -\ 3\square \\ \hline 39 \end{array}$

7. $\begin{array}{r} 9\square \\ -\ \square 1 \\ \hline 57 \end{array}$

8. $\begin{array}{r} \square 8 \\ -\ 1\square \\ \hline 16 \end{array}$

9. $\begin{array}{r} \square 1 \\ -\ 4\square \\ \hline 9 \end{array}$

Times Tables 8

Help the Fantastic Five defeat their foes.

Complete the 8x table grid below.

1x8=	7x8=
2x8=	8x8=
3x8=	9x8=
4x8=	10x8=
5x8=	11x8=
6x8=	12x8=

What numbers are missing from the sequence?

1) 8 16 ___ 32

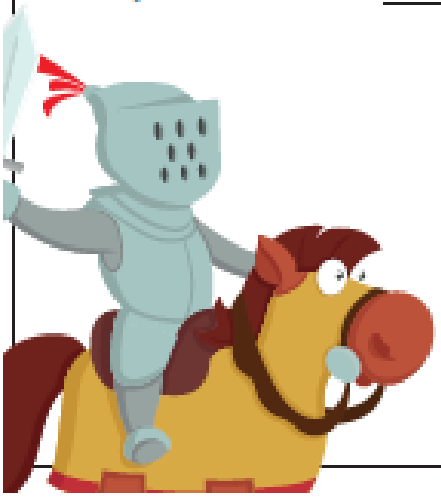
2) 32 40 ___ 56

3) 16 32 ___ 48

4) 24 32 ___ 48

5) 48 56 ___ 72 80

6) 64 ___ 80 88 96



Times Tables 8

Help the Fantastic Five defeat their foes.

( ) x 8 = 88

8 x ( ) = 32

( ) x 8 = 40

8 x ( ) = 56

( ) x 8 = 48

8 x ( ) = 96

( ) x 8 = 64

Times Tables 8

Help the Fantastic Five defeat their foes.

1	2	3	4	5	6	7	8		
								99	100

Complete the number grid from one to one hundred and then colour any squares which are included within the eight times tables.