

5 a day!



Complete the calculations.

$$42,000 = 40,000 + \underline{\hspace{2cm}}$$

$$42,000 = 30,000 + \underline{\hspace{2cm}}$$

$$42,000 = \underline{\hspace{2cm}} + 10,000 + \underline{\hspace{2cm}}$$



Here is a $2 \times 2 \times 2$ cube.



How many cubes do you need to build a $3 \times 3 \times 3$ cube?



Complete the divisions.

5	5	6	5

3	9	6	3



A car park has 230 rows of 17 spaces. There are 1250 cars already parked. How many empty spaces are there?



Nancy lays tiles in the following pattern.



If she has 16 red tiles and 20 yellow tiles remaining can she continue her pattern without there being any tiles left over? Explain why.

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Solve these equations.

$$5.014 \times 10 =$$

$$9.03 \times 10 =$$

$$45.9 \times 100 =$$

$$20.61 \times 10 =$$



Solve these equations.

$$8 \times 70 =$$

$$8 \times 60 =$$

$$40 \times 80 =$$

$$0.07 \times 4 =$$



Solve these equations.

$$844 \div 4$$

$$462 \div 3$$

$$265 \div 5$$

$$177 \div 4$$



What are the factors of the following numbers?

30

110

45

26



Which factor pairs could you use to solve?

$$1,375 \div 25$$

$$8,832 \div 32$$

$$7824 \div 24$$

$$7992 \div 18$$

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Solve these equations.

$$\frac{3}{4} + \frac{5}{8} =$$

$$\frac{2}{3} + \frac{1}{2} =$$

$$\frac{7}{8} + \frac{4}{5} =$$

$$\frac{9}{10} + \frac{1}{4} =$$



Solve these equations.

$$0.6 \times 67 =$$

$$0.4 \times 29 =$$

$$0.9 \times 84 =$$



Solve these equations.

$$\frac{1}{4} \times \frac{1}{5} =$$

$$\frac{1}{5} \times \frac{1}{2} =$$

$$\frac{1}{3} \times \frac{1}{8} =$$

$$\frac{1}{6} \times \frac{1}{2} =$$



Sophie buys two sandwiches which are the same price. She pays £3.00 and receives 80p change. What is the cost of one sandwich?



Which factor pairs could you use to solve:

$$1,380 \div 60$$

$$9,840 \div 24$$

*18 bananas are put into each packet.
The warehouse has 6,570 bananas to pack.
How many packets will they have?*

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Solve these equations.

$$34.8 \times 1000 =$$

$$2345 \div 1000 =$$

$$4.6 \times 100 =$$

$$99.6 \div 10 =$$

$$0.507 \times 1000 =$$



Solve these equations.

$$326 \times 47 =$$

$$245 \times 35 =$$

$$235 \times 54 =$$



Solve these equations.

$$844 \div 8$$

$$462 \div 5$$

$$252 \div 5$$

$$179 \div 4$$



There are 17 nests on the side of a mountain and 986 birds. If there were an equal number of birds using each nest every night, how many birds would be in each nest?



Convert these measures.

ml	l
3000	
13,000	
15,000	
	8

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Solve these equations.

$$36.4 \times 1000 =$$

$$0.31 \times 1000 =$$

$$67.91 \times 100 =$$

$$9.78 \times 1000 =$$

$$0.06 \div 100 =$$



Solve these equations.

$$60 \times 40 =$$

$$50 \times 90 =$$

$$0.7 \times 6 =$$

$$0.8 \times 5 =$$

$$0.3 \times 0.6 =$$



Solve these equations.

$$846 \div 9$$

$$392 \div 7$$

$$705 \div 5$$

$$164 \div 4$$



What are the factors of the following numbers?

80

102

150

204



Which multiplication facts could you use to solve these equations?

$$1,344 \div 42$$

17 apples are put into each packet.

The warehouse has 4,235 apples to pack.

How many packets will they have?