

5 a day!



$$\star + \blacksquare = 100$$

Both \star and \blacksquare are prime numbers.

How many different solutions can you find?



Which of these cards give the same answer?

$$2,730 \div 35$$

$$2,088 \div 24$$

$$2,418 \div 31$$



Finley does 37 sit-ups every day for a year.

Olivia does 370 sit-ups every day in June.

Who does more sit-ups and by how many?



$$3,257 \times 4 = 13,024$$

Is Layla correct? Explain why.

I know with is wrong by looking at the ones digit.



How much does one bottle cost?



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Complete the multiplications.

a) 1235×53

b) 4036×24

c) 6978×76



Complete the divisions.

a)

	5	5	6	5

b)

	3	9	6	3



$72 \times 24 = d \times 6$

What is the value of d ?

Mary has 2 grandchildren in different years at school.

On Mary's 90th birthday she says to her grandchildren,

"My age is a multiple of both your ages today."

How old could Mary's grandchildren be?



Work out the subtractions in your head.
Write your answers.



$89 - 35$

$82 - 45$

$800 - 250$

$80 - 25$

$890 - 350$

$820 - 450$

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Complete the calculation.

$$168 \times 5 = \underline{\quad} \times 35$$

Describe two different ways to find the answer.



Complete the divisions.

a)

		0	4	8	
6					

b)

		2	4	8	r1
4	9		3		



Continue the sequence.

12, 24, 36, 48, 60, , , ,



Write the

$$1,247 \times 37$$

$$2,031 \times 29$$

$$2,413 \times 23$$

correct multiplications to complete the calculations.

x					
	7	2	3	9	
	4	8	2	6	0

x					
	8	7	2	9	
	3	7	4	1	0

x					
	1	8	2	7	9
	4	0	6	2	0

Cars for sale: price list

Car A £2,750

Car B £19,500

Car C £24,999

Car D £45,000

What is the total price of all 4 cars?

What is the difference between the most expensive and the least expensive



cars?

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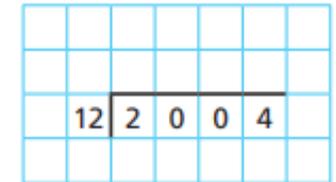
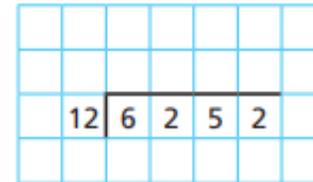
What is the greatest product you can make that is also an odd number?



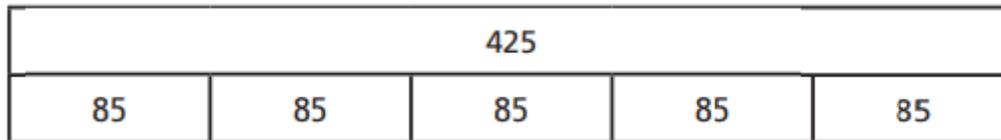
A car park has 230 rows of 17 spaces. There are 1250 cars already parked. How many empty spaces are there?



Complete the short divisions.



This bar model shows $85 \times 5 = 425$.



Explain how to work out these calculations from this given fact.

$$85 \times 6$$

$$86 \times 5$$

Abigail has 630cm piece of ribbon.

She uses $\frac{4}{9}$ of the ribbon on a dress.



What length of ribbon does she use on the dress?



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Use factors to complete these divisions.

a) $360 \div 40$

b) $625 \div 25$

c) $1,275 \div 15$



Circle the prime numbers in each list.

a) 1, 2, 3, 4, 5, 6, 7

b) 17, 22, 9, 36, 21, 35

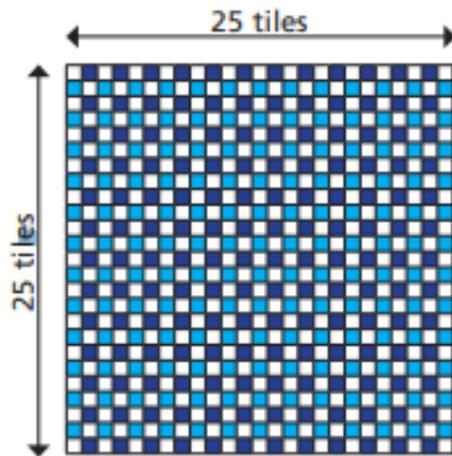
c) 10, 18, 38, 74, 92, 2



Find four square numbers between 100 and 200.



Mr Smith has tiled his kitchen floor. Each tile costs 18p. How much does the floor cost in total?



Complete the calculations.

a) $637 \div 5 =$

c) Two thousand divided by eleven

b) $1,036 \div 8 =$

d) $297 \div$ $= 3$

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