

Y6 SATs

Help Code : 012

Multiplying & Multiples

BOOSTER



The number 20 goes in **two** of the squares of this multiplication grid.

Tick (✓) the two squares where 20 goes.

2013A KS2 Q4



×	1	2	3	4	5
1					
2					
3					
4					
5					



2011A KS2 Q2

Write one number from each circle to make this calculation correct.

$\square \times \square - \square = 0$



2010A KS2 Q12



Big Wheel
£2.50
each ride

Rollercoaster
£1.50
each ride

Liam spends £14 altogether on the Big Wheel and the Rollercoaster.

He goes on the Big Wheel twice.

How many times does he go on the Rollercoaster?

Show your working.
You may get a mark.



Calculate 634×6

2010A KS2 Q11





Join each box to the correct number.

One has been done for you.

2008A KS2 Q2

6×5

30

32

44

49

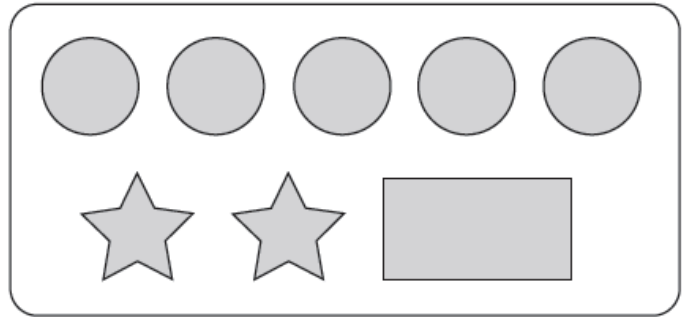
half of 98

double 4×4



2008A KS2 Q8

On a sheet of stickers there are 5 circles, 2 stars and one rectangle.



How many stickers are there altogether on 4 sheets?



2008A KS2 Q10

Here is a number chart.

Circle the **smallest** number on the chart that is a multiple of both 2 and 7

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Here is the same number chart.

Circle the **largest** number that is **not** a multiple of 2 or 3 or 5

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



2008A KS2 Q16

Calculate 45.3×6



2007A KS2 Q11

Calculate $17 \times 5 \times 4$

Write **one** number which fits **all three** of these statements.

It is a multiple of 4

It is a multiple of 6

It ends in '8'

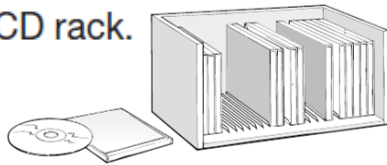
Explain why a number which ends in '3' **cannot** be a multiple of 4

2007A KS2 Q15

2006A KS2 Q4



Here is a CD rack.



One rack holds **25** CDs.

David has **83** CDs.

How many racks does he need to hold **all** his CDs?

Lin has **6** racks **full** of CDs.

How many CDs does Lin have altogether?



2005A KS2 Q2

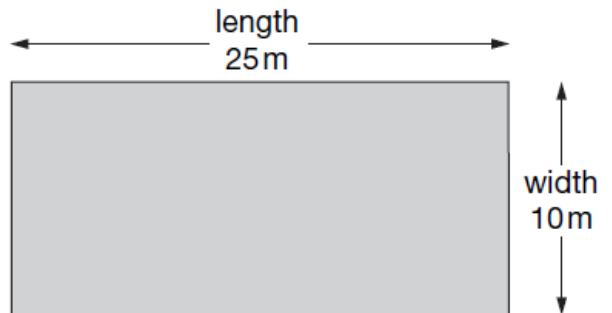
Circle **three** numbers that add to make a **multiple of 10**

- 11 12 13 14 15 16 17 18 19

2006A KS2 Q9



A rectangular swimming pool is 25 metres long and 10 metres wide.



David swims **5** lengths.

Rosie swims **12** widths.

How much **further** does David swim than Rosie?

Show your working. You may get a mark. metres



Alan has **45** beans.



He plants **3** beans in each of his pots.

How many pots does he need?

pots

2004A KS2 Q6

Leila puts **4** seeds in each of her pots.

She uses **6** pots and has **1** seed left over.

How many seeds did she start with?

2004A KS2 Q14



Write in the missing numbers in this multiplication grid.

	×	5	<input type="text"/>	<input type="text"/>
4		20	36	32
<input type="text"/>		35	63	56
<input type="text"/>		30	54	48

2003A KS2 Q13



Calculate 2307×8



Debbie has a pack of cards numbered from 1 to 20
She picks four different number cards.



Exactly three of the four numbers are multiples of 5
Exactly three of the four numbers are even numbers.
All four of the numbers add up to less than 40

Write what the numbers could be.



Calculate 31.6×7

2004A KS2 Q17



2003A KS2 Q12

A bottle holds **1 litre** of lemonade.

Rachel fills **5 glasses** with lemonade.
She puts **150 millilitres** in each glass.

How much lemonade is left in the bottle?

Show your working. You may get a mark.

ml



2003A KS2 Q26

30 children are going on a trip.

It costs **£5** including lunch.

Some children take their own packed lunch.
They pay only **£3**

The 30 children pay a total of **£110**

How many children are taking their own packed lunch?

Show your working. You may get a mark.

children



Write in the missing numbers.

2002A KS2 Q2

$$5 \times 70 = \square$$

$$4 \times \square = 200$$



2002A KS2 Q7

Circle all the multiples of 8 in this list of numbers.

18 32 56 68 72



6 green apples for 75p

10 red apples for 90p

Jason bought some bags of green apples and some bags of red apples.

He spent £4.20

How many bags of each type of apple did he buy?

Show your working. You may get a mark.

bags of green apples bags of red apples

2002A KS2 Q18



Write in the two missing digits.

$$\square \square 0 \times \square \square 0 = 3000$$



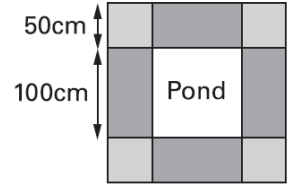
2002A KS2 Q11

Mr Singh buys paving slabs to go around his pond.

PAVING SLABS

£1.95 each Square slabs
50cm by 50cm

£3.50 each Rectangular slabs
100cm by 50cm



He buys 4 rectangular slabs and 4 square slabs.

What is the total cost of the slabs he buys?

Show your working. You may get a mark.

£

Mr Singh says,

'It would cost more to use square slabs all the way round.'

Explain why he is correct.

Nika and Hassan bought some bags of apples.

Nika says,

'I bought more apples than Hassan, but I spent less money.'

Explain how this is possible.

2002A KS2 Q19



2001A KS2 Q1

Write in the missing numbers.

$$45 + \square = 110$$

$$(4 \times 5) - \square = 12$$

$$60 \times 3 = \square$$



2001A KS2 Q9

Write in the missing digits to make this correct.

$$\begin{array}{r}
 \square 4 \square \\
 \times \quad 6 \\
 \hline
 2052 \\
 \hline
 \end{array}$$



2000A KS2 Q18

Circle two different numbers which multiply together to make 1 million.

- 10 100 1000 10000 100000



2000A KS2 Q23

Leila knows that

$$65 \times 3 = 195$$

Explain how she can use this information to find the answer to this multiplication:

$$165 \times 3$$




2000A KS2 Q1

Each card on the left matches one on the right.

Draw lines to match the cards which are equal in value.

One has been done for you.

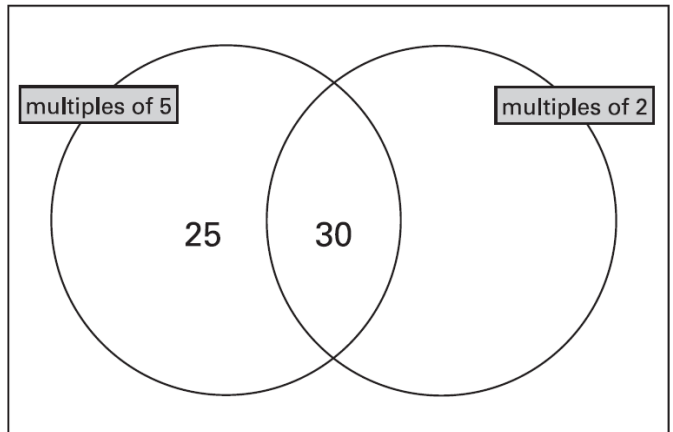
 3×6	2×25
10×5	9×2
5×8	50×2
9×10	3×30
5×20	10×4




2000A KS2 Q4

Write each of these numbers in its correct place on the sorting diagram.

- 40 8 15





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