KS2 Maths SKILLS ORGANISER presents GENIUS MATHS

MULTIPLES and MULTIPLYING

Help Code : 012

10 879 × 3 =

1 mark

12 50 × 70 =

1 mark

26 15 × 6.1 =

1 mark

14 Write **all** the common multiples of 3 and 8 that are **less than 50**

7 In the circles, write a multiple that belongs to each set.

One has been done for you.

numbers from 1 to 99	multiple of **10**	50
numbers from 101 to 199	multiple of **20**	
numbers from 201 to 299	multiple of **30**	
numbers from 301 to 399	multiple of **40**	

5 What is 444 minutes in hours and minutes?

hours minutes

1 Here is a diagram for sorting numbers.

Write **one number** in each box.

One is done for you.

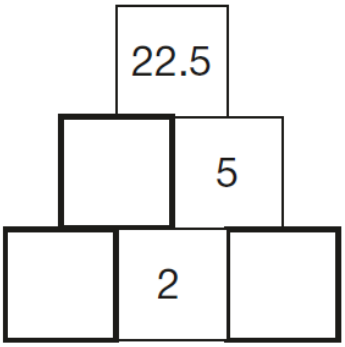
	multiple of 5	**not** a multiple of 5
multiple of 3	30	
not a multiple of 3		

14

Here is a number pyramid.

The number in a box is the **product** of the two numbers below it.

Write the missing numbers.



15 100 × 100 =

1 mark

6 48 ÷ 6 =

1 mark

2 123 × 2 =

1 mark

4 24 × 3 =

1 mark

18 1.52 × 6 =

1 mark

9 5 × 4 × 7 =

1 mark

Y6 SATs

MULTIPLYING & MULTIPLES BOOSTER

Help Code : 012

2013A KS2 Q4

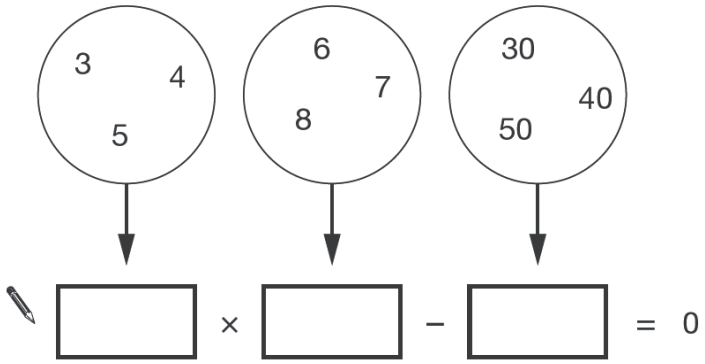
The number **20** goes in **two** of the squares of this multiplication grid.

Tick (✓) the two squares where 20 goes.

×	1	2	3	4	5
1					
2					
3					
4					
5					

2011A KS2 Q2

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



2010A KS2 Q12

Big Wheel	Rollercoaster
£2.50 each ride	£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.

2010A KS2 Q11

Calculate **634 × 6**

2008A KS2 Q2

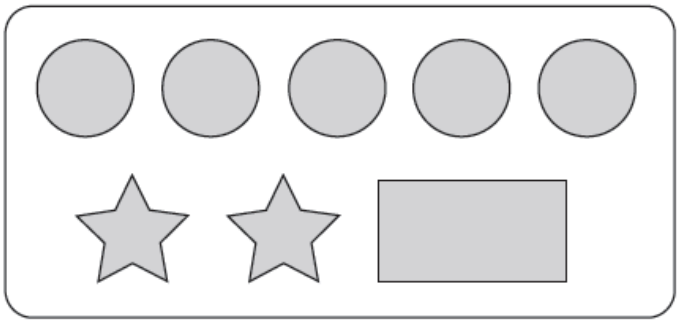
Join each box to the correct number.

One has been done for you.

6 × 5	30
half of 98	32
double 4 × 4	44
	49

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 × 5 × 4**

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

It is a multiple of 4

It is a multiple of 6

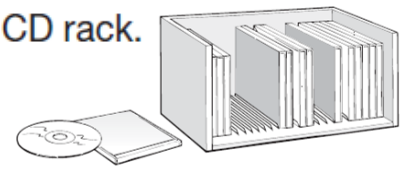
It ends in '8'

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?

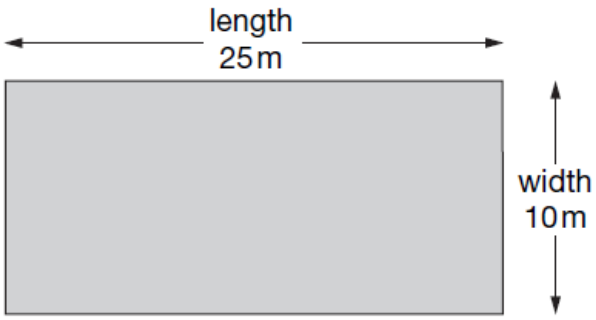
2005A KS2 Q2

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

2004A KS2 Q6

Alan has **45 beans**.

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

How many pots does he need?

pots

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	□	□
4	20	36	32
□	35	63	56
□	30	54	48

2003A KS2 Q13

Calculate **2307 × 8**

2003A KS2 Q25

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

2002A KS2 Q2

Write in the missing numbers.

$5 \times 70 = \square$

$4 \times \square = 200$

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

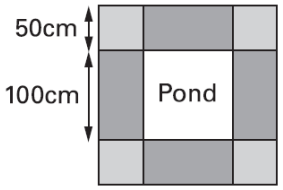
2002A KS2 Q11

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

Write in the **two** missing digits.

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

2001A KS2 Q1

Write in the missing numbers.

45 + ☐ = 110

(4 × 5) − ☐ = 12

60 × 3 = ☐

2001A KS2 Q9

Write in the missing digits to make this correct.

☐ 4 ☐

× 6

2 0 5 2

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 x 3 = 195

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

165 x 3

.....

.....

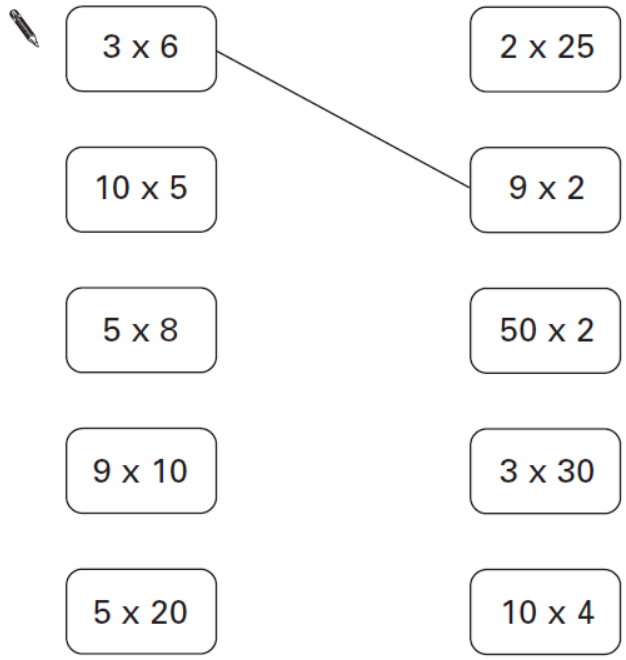
.....

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.



2000A KS2 Q4

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

40 **8** **15**