MIXED OPERATIONS

CONTENT DOMAIN REFERENCES:
C1, C2, C4, C6, C7, C8, C9

KS2 SATS

PRACTICE QUESTIONS BY TOPIC

1 Write the missing numbers.

[2012]

$57 + \square = 125$

$5 \times \square = 175$

[2 marks]

2 Write the correct sign **=**, **>** or **<** in each circle.

[2011]

$9 \times 3 \bigcirc 8 \times 4$

$9 - 3 \bigcirc 8 - 4$

$9 + 3 \bigcirc 8 + 4$

$9 \div 3 \bigcirc 8 \div 4$

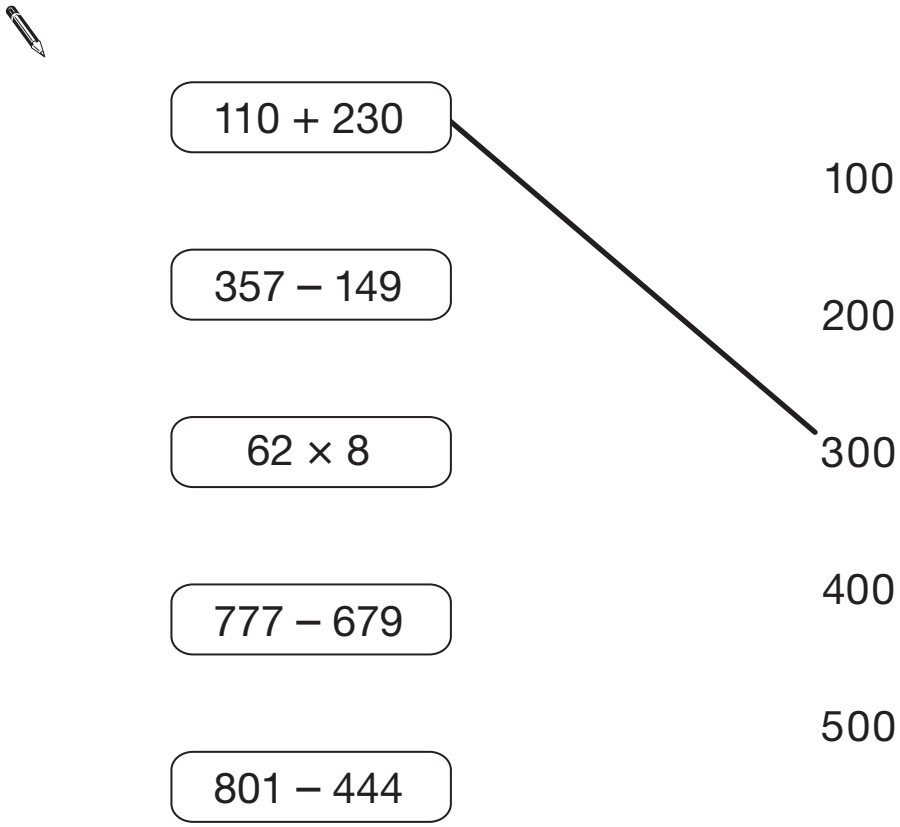
[2 marks]

Questions compiled by:
@Maths4Everyone

3 [2010]

Join each of these calculations to the number that is **nearest** to the correct answer.

One has been done for you.



[2 marks]

4 [2007]

Write in the missing numbers.

[2 marks]

5 Write in the missing numbers.

[2006]

$35 \times \square = 140$

$633 - \square = 34$

[2 marks]

6 Write in the missing numbers.

[2004]

$\square + 85 = 200$

$4 \times \square = 120$

$120 - 51 = \square$

[2 marks]

7 Write in the missing numbers.

[2003]

$55 + \square = 120$

$600 \times 4 = \square$

[2 marks]

8 Write in the missing numbers.

[2003]

$37 \times \square = 111$

$225 - \square = 150$

$\square \div 4 = 21$

[2 marks]

9 Write in the missing numbers.

[2002]

$22 \times \square = 660$

$\square - 75 = 109$

[2 marks]

10 Write the missing numbers.

[2015]

$150 - \square = 87$

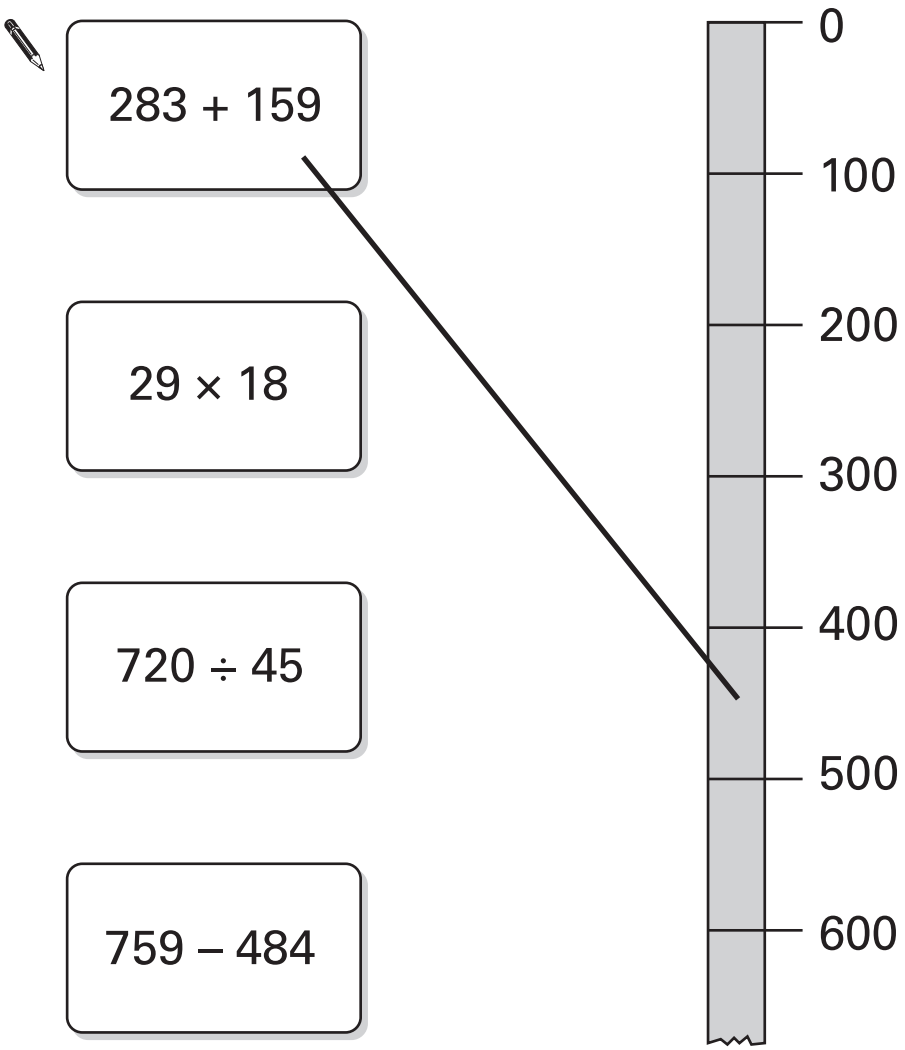
$90 \times \square = 450$

[2 marks]

11 Draw a line from each card to the correct part of the number line.

[2002]

One has been done for you.



[2 marks]

12 Write in the missing numbers.

[2004]

3 × 4 × ☐ = 96

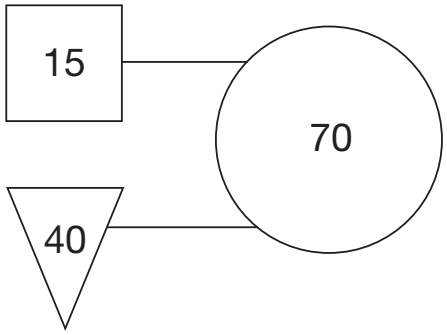
☐ + 62 – 46 = 96

[2 marks]

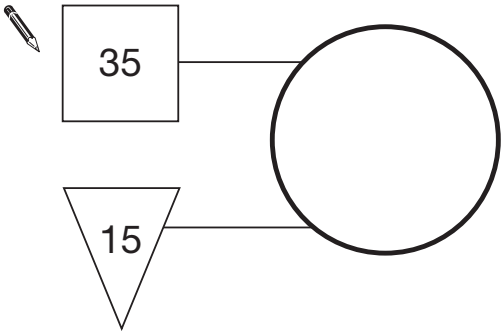
13 In this diagram the rule is

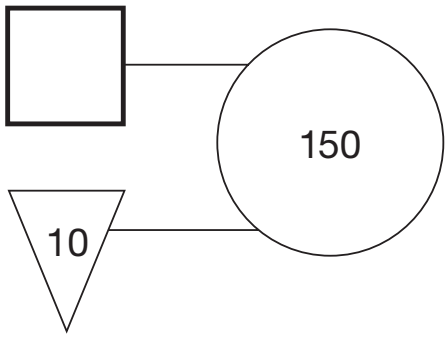
[2009]

'double the number in the square and add the number in the triangle to make the number in the circle'.



Use the same rule to write in the missing numbers below.

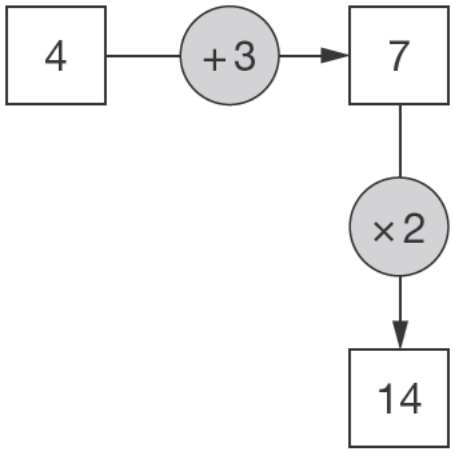




[2 marks]

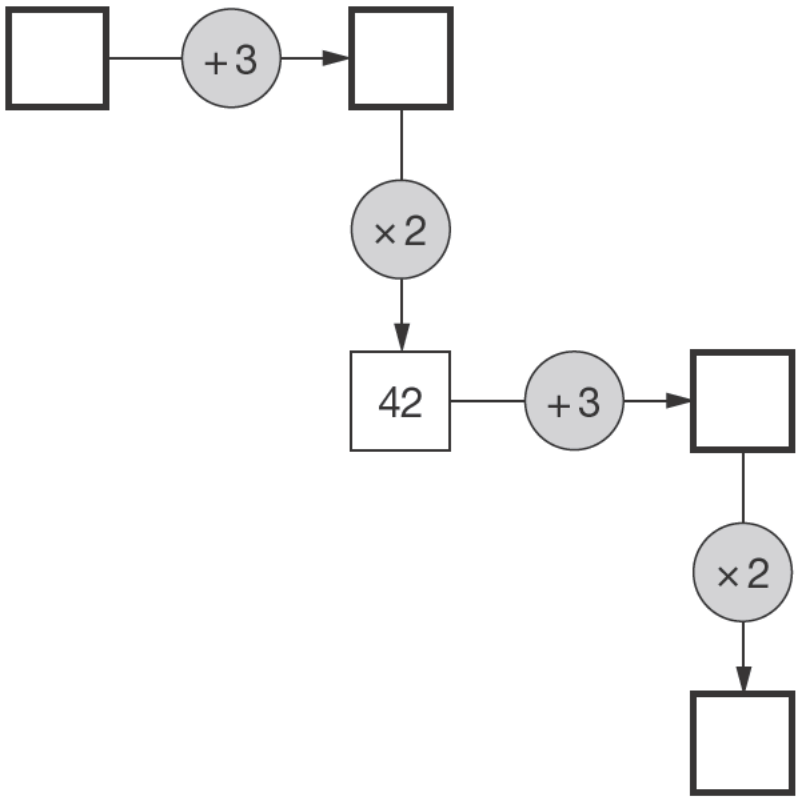
14 Here is a number machine.

[2012]



Here is another number machine.

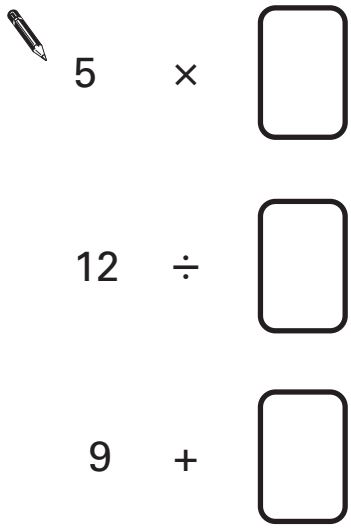
Write the four missing numbers.



[2 marks]

15 [2004]

Use **each** number card **once** to make the answer to each calculation an **even** number.



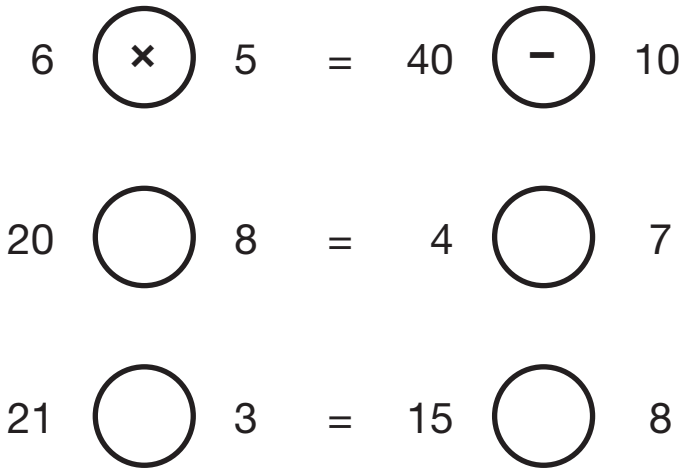
[1 mark]

16 [2007]

The signs are missing from these number sentences.

Write in the missing signs, **+ − × ÷**

The first has been done for you.

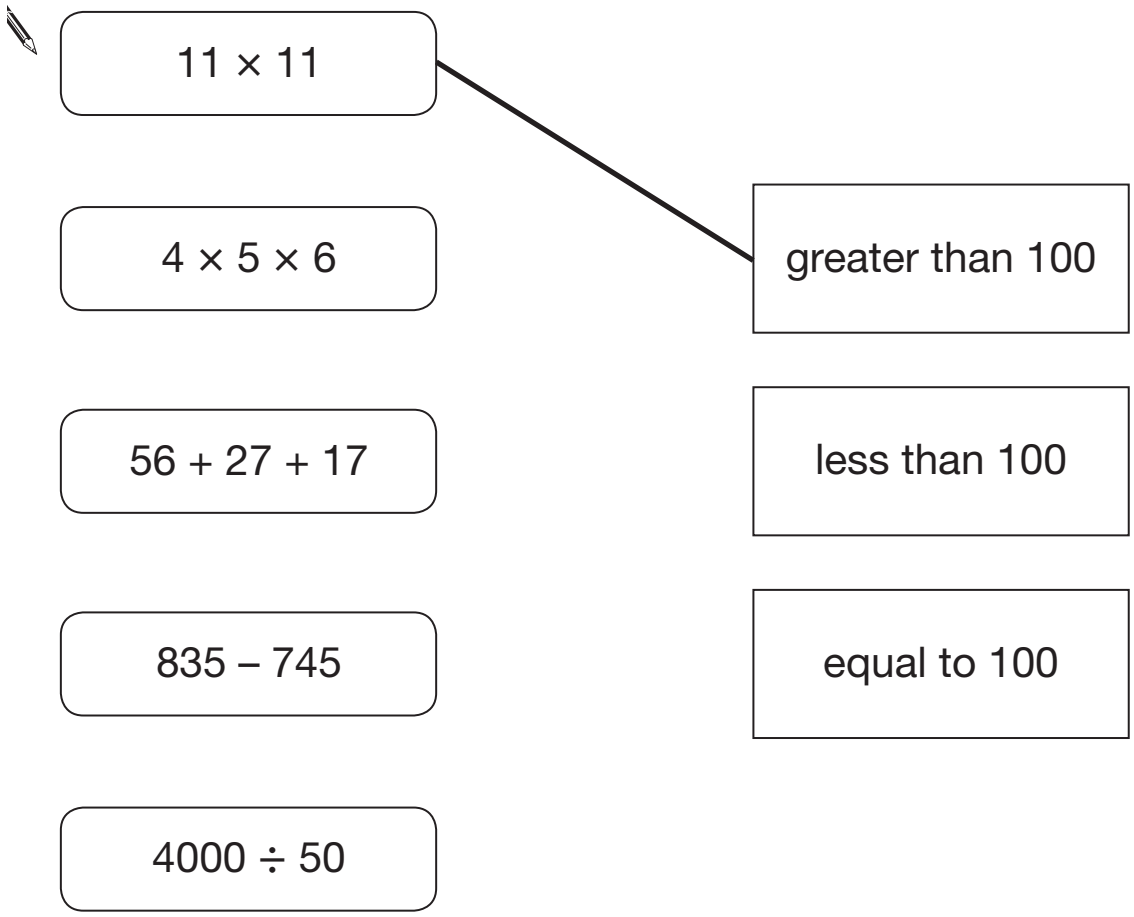


[2 marks]

17 Draw one line from **each calculation** on the left to the correct box on the right.

[2006]

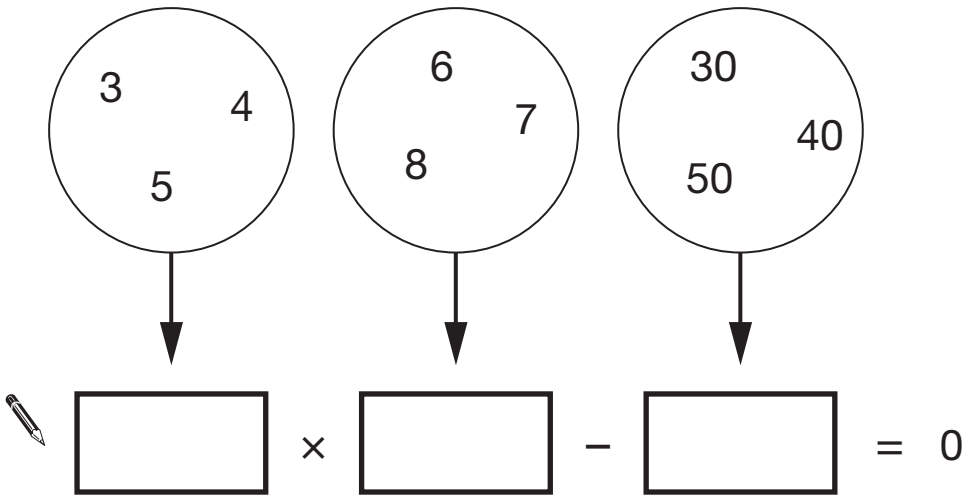
One has been done for you.



[2 marks]

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

[2011]



[1 mark]

19 Here are five calculations.

[2012]

For each, put a tick (✓) in the box if the answer is **greater than 450**
Put a cross (✗) if it is not.

One has been done for you.

	greater than 450
46×10	✓
$149 + 137 + 158$	
$911 - 447$	
$863 \div 2$	
$16 \times 28\frac{1}{2}$	

[2 marks]

20 Each missing digit in these calculations is **2**, **5** or **7**

[2005]

Write in the missing digits.

You may use each digit more than once.

$\square + 18 = \square\square$

$\square\square \times 3 = \square\square$

[2 marks]

21 Write the missing numbers to make these calculations correct.

[2014]

$200 \times \square - 200 = 200$

$(100 - \square) \times 100 = 100$

[2 marks]

22 Write the correct sign **>**, **<** or **=** in each of the following.

[2005]

$(10 + 5) - 9 \quad \square \quad (10 + 9) - 5$

$3 \times (4 + 5) \quad \square \quad (3 \times 4) + 5$

$(10 \times 4) \div 2 \quad \square \quad 10 \times (4 \div 2)$

[2 marks]

23 Write in what the missing numbers could be.

[2001]

$(\square \div \square) + 90 = 100$

[1 mark]

24

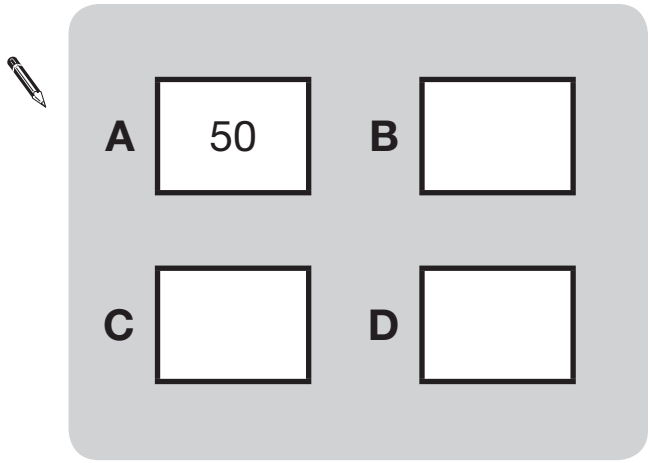
[2014]

The number in **A** is **twice** the number in **D**.

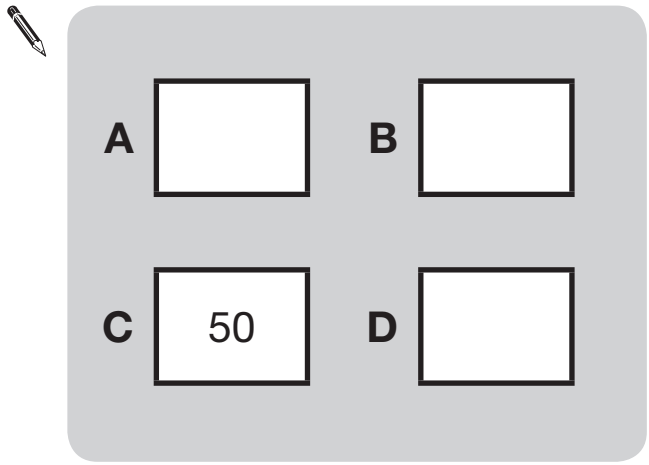
The number in **B** is **5 less** than the number in **C**.

The number in **D** is **10 more** than the number in **B**.

Write the missing numbers in this diagram.



Now use the same rule for this diagram.



[2 marks]