

# Ivy Education

Est. 2010

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## 8+ Maths Exam Paper 1

8M.1

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Name: .....



Spend 45 minutes on this paper.

**It is worth 80 marks**

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*This paper includes 10 pages including front cover.*

1. Write the following in figures (2):

a. Six thousand, three hundred and five .....

b. Three thousand and two .....

2. Put the following symbols between these numbers and fractions

= (equal to) > (greater than) < (less than) (1 mark each)

a. 7468  7648

b. 1076  1067

c.  $\frac{1}{3}$    $\frac{1}{4}$

d.  $\frac{1}{2}$    $\frac{1}{5}$

3. What is the value of the underlined digit in the following (2):

a. 7184 .....

b. 2840 .....

4. Put these numbers in order from smallest to largest (2)

10111      11011      10011      11110      11101

.....

**In questions 5 to 10 work out the answers and write your answers on the line.**

**You may show your working on the right hand side if you wish (1 mark each)**

5.

$$87 \times 2 = \dots\dots\dots$$

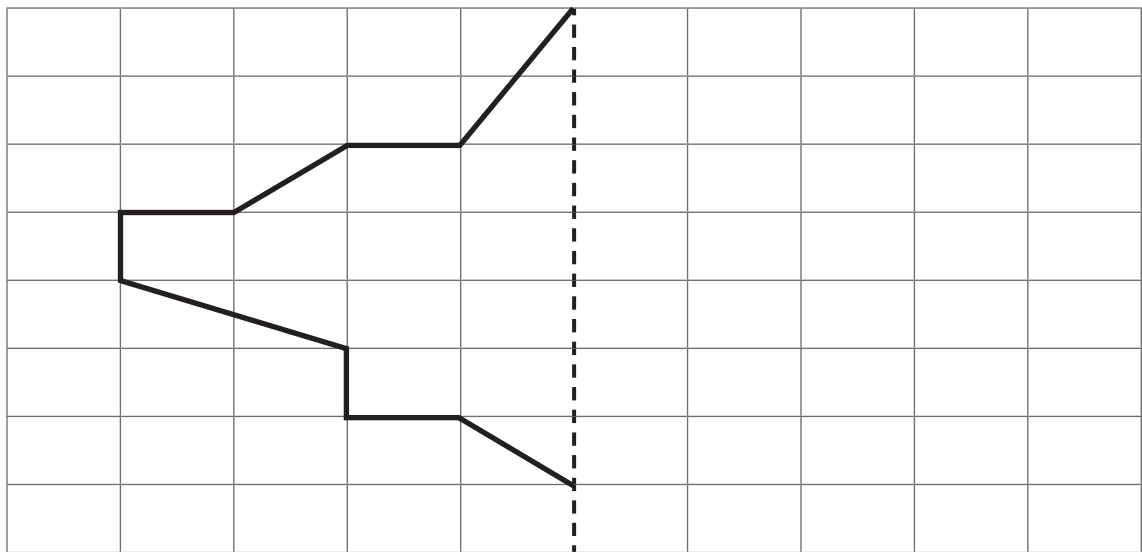
6.

$$430 \div 10 = \dots\dots\dots$$

7.

$$42 \div \dots\dots\dots = 7$$

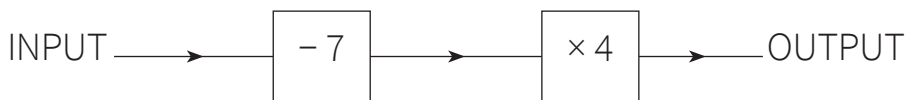
24. On the squared grid below, draw a mirror image of this shape (2):



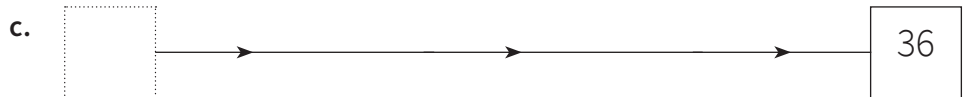
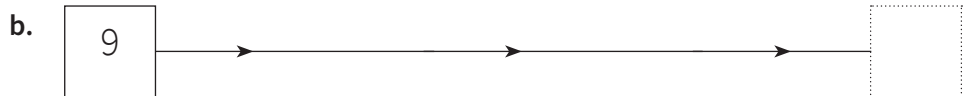
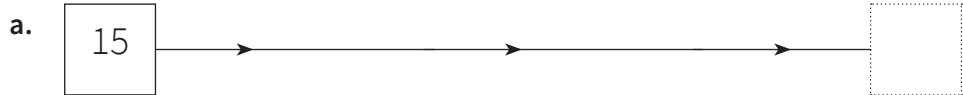
25. Which four coins make £1.23? (1)

.....

26. The function machine below subtracts 7 and then multiplies by 4. Fill in the missing inputs and outputs (2 marks each):



Example:



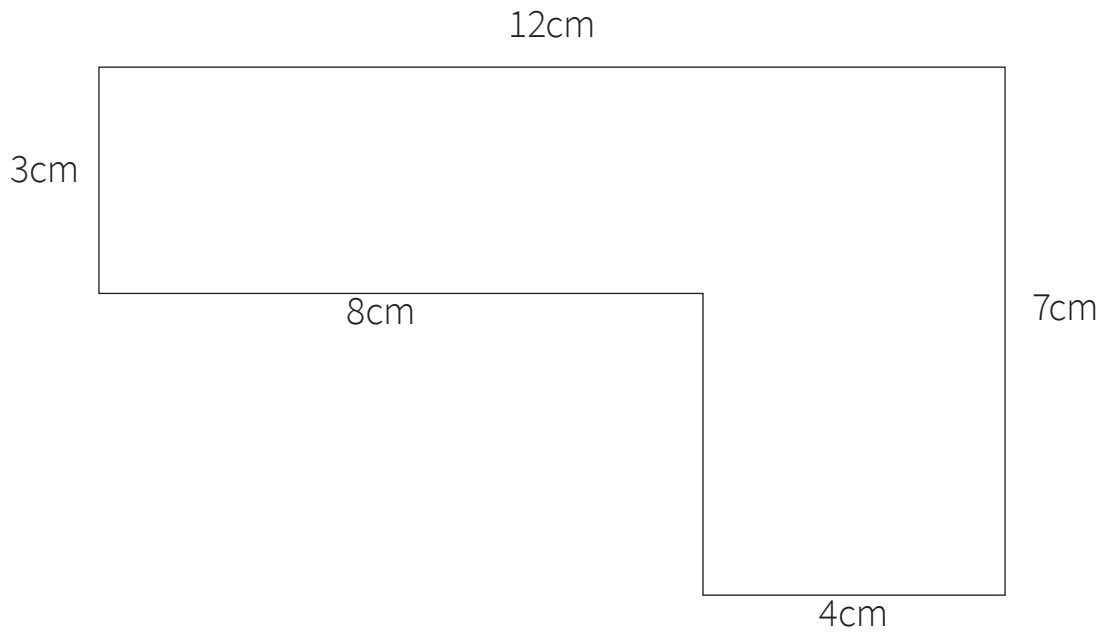
34. Convert the following (1 mark each):

a. How many millimetres (mm) are there in  $2\frac{1}{2}$  centimetres (cm)? .....

b. How many grams (g) are there in 7 kilograms (kg)? .....

c. How many centimetres (cm) are there in  $5\frac{3}{4}$  metres (m)? .....

35. Calculate the perimeter of this shape (2):



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**END OF PAPER**