



WYCOMBE
ABBAY

SAMPLE QUESTIONS
11+ Entrance Examination
Maths

No calculator allowed.

All methods should be shown.

There are 9 questions on this paper.

1) Calculate the following:

a) $87 + 136$

b) $324 - 137$

c) 71×130

d) $896 \div 14$

e) $1.35 + 6.86$

f) $124.8 + 3.79 - 118.965$

2)

a) Calculate: $7 - (-10)$

b) Calculate: $3 \times (-8)$

c) Calculate: $80 \div (6 + 4) \times 2$

3) Find the value of the question mark:

a) $\frac{2}{5} = \frac{?}{30}$

b) $\frac{25}{7} = 3\frac{?}{7}$

c) $\frac{24}{28} = \frac{6}{?}$

4)

a) Which is larger: $\frac{4}{7}$ *or* $\frac{5}{9}$?

b) Calculate: $\frac{2}{3} + \frac{2}{5}$

c) Calculate: $\frac{1}{7} \times \frac{7}{8} \times \frac{8}{9}$

d) A vegetable patch is used to grow three vegetables: carrots, cabbages, and potatoes. The cabbages make up $\frac{1}{5}$ of the patch, and carrots make up $\frac{3}{8}$ of the patch. What fraction of the vegetable patch is used for potatoes?

5)

a) Find: **30%** of **50**

b) Find: **35%** of **80**

6)

a) Write down the first five multiples of 3.

b) Write down the factors of 12.

7) Find the missing values:

a) $x + 12 = 50$

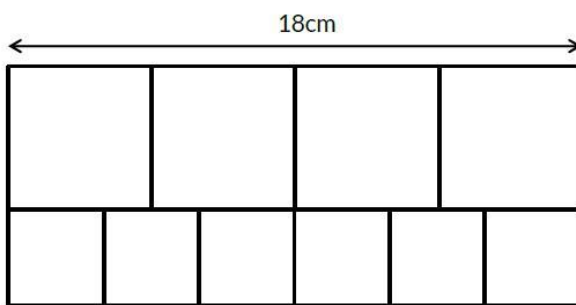
b) $17 - x = 9$

c) $3x + 5 = 20$

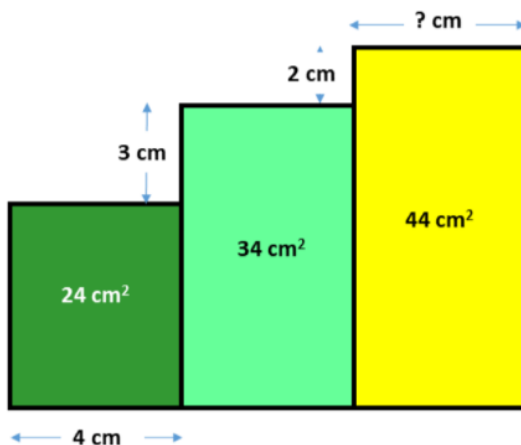
d) Adam has some marbles. Ben has twice as many marbles as Adam. Carl has 12 more marbles than Adam. In total, they have 72 marbles. How many marbles does Carl have?

8)

a) Find the perimeter of the whole rectangle, given that all the internal shapes are squares.



b) Find the value of the question mark.



9) How many squares are there on an 8x8 chessboard? There are more than 64!

