

# M7 = 3 days to go!

3 Pablo is an artist.

He paints on canvas.

He uses different sizes of canvas but they all have their width and height in the ratio 4:3

(a) Which of the following canvas sizes could he use?

32 cm by 24 cm

60 cm by 45 cm

100 cm by 70 cm

120 cm by 90 cm

Circle the correct answer(s).

[3]

(b) Write down another canvas size that he could use that is not given in the list above.

Answer \_\_\_\_\_ [1]

6. Work out, giving each answer in standard form.



(a)

$$(3 \times 10^4) \div (6 \times 10^{-3})$$

.....  
(2)

(b)

$$(2.1 \times 10^{-5}) \div (7 \times 10^{-4})$$

.....  
(2)

**8 (a)** A rectangular swimming pool measures 35 m by 15 m.

Use a scale of 1 cm to represent 5 m and make an accurate drawing of the swimming pool.

[2]

**(b)** Using your scale drawing find the actual length of the diagonal which goes from one corner to another.

Answer \_\_\_\_\_ [2]