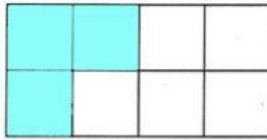
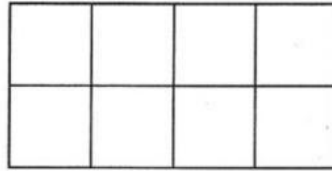
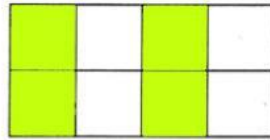


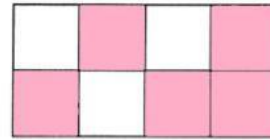
9. (a) Shade $\frac{3}{4}$ of the diagram below. [1]



Option A



Option B



Option C



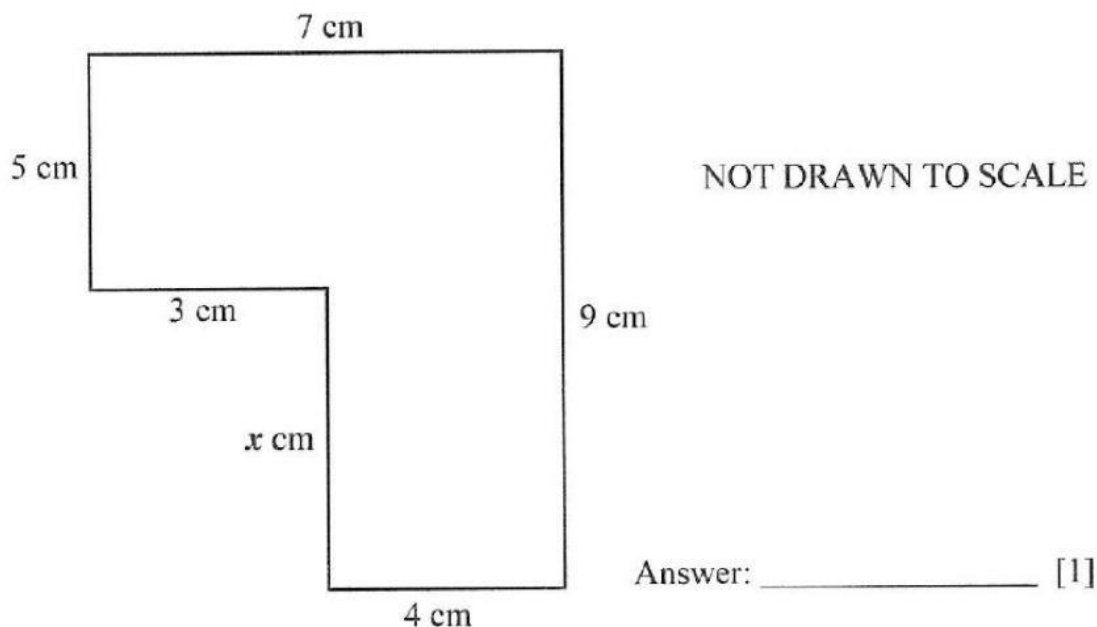
Option D

- (b) Fill in the blank to make an equivalent equation.

(i) $\frac{3}{5} = \frac{\quad}{25}$ [1]

(ii) $\frac{6}{8} = \frac{9}{\quad}$ [2]

9. (a) In the diagram below, find the length of the side marked x .



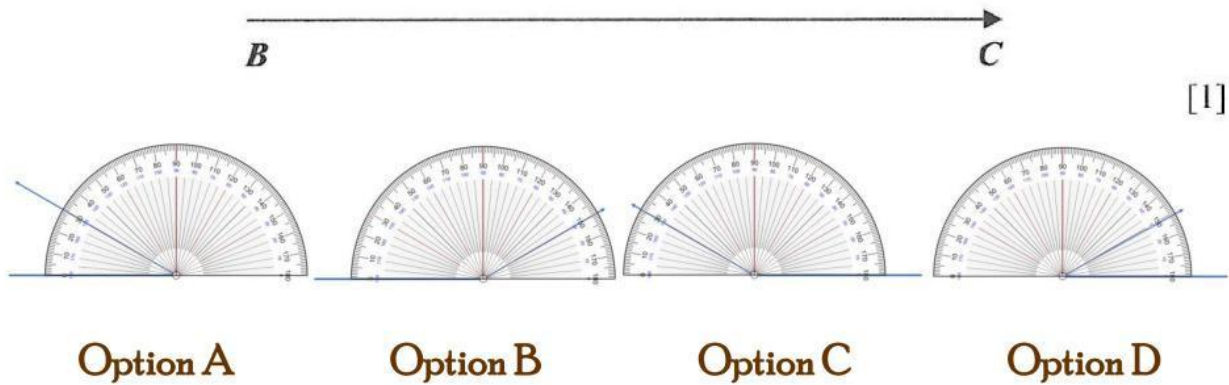
- (b) Find the perimeter of the shape.

Answer: _____ [2]

9. (a) Calculate the complement angle of 34°

Answer: _____ [2]

- (b) Using your protractor, draw the complementary angle to 30° on the ray BC below:



9. Complete the sequences below.



_____ [1]



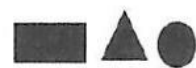
Option A



Option B



Option C



Option D

9. (a) List all the factors of 20.

1

20

1

20

1

20

Answer: _____ [2]

The factors of 16 are: 1, 2, 4, 8, and 16.

- (b) (i) List the common factors of 16 and 20.

1 2 4 8 16

Common Factors



Answer: _____ [1]

- (ii) Determine the Highest Common Factor of 16 and 20.

Answer: _____ [1]

9. The prime factorisation of a number is $2 \times 2 \times 2 \times 3 \times 5$.

- (a) Write the above product in index form.

Answer: _____ [1]

- (b) What was the factorised number?

Answer: _____ [1]

9. (a) Simplify

$$8m + 7m - 9m$$

Answer: _____ [1]

- (b) If $p = 3$, find the value of

$$24 - p^2$$

Answer: _____ [3]

- (c) Solve for n

$$n - 8 = 4$$

Answer: _____ [1]