

PRIMARY FIVE
MATHEMATICS WORKSHEET 1

CHAPTER 5: AREA OF A TRIANGLE

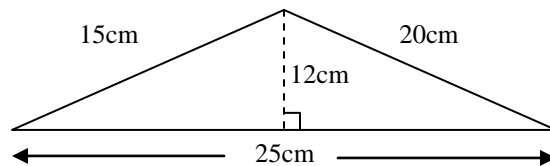
NAME : _____ ()

CLASS : Primary 5 _____ Date : _____

Section A

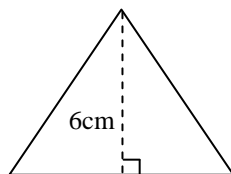
For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the bracket provided. **The use of calculator is not allowed.**

1. Calculate the area of the given triangle.



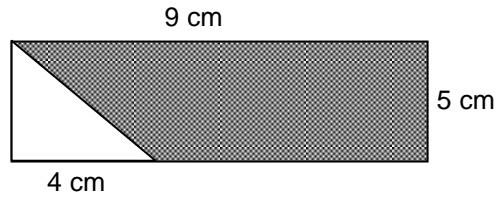
- (1) 90 cm^2 (2) 120 cm^2
(3) 140 cm^2 (4) 150 cm^2 ()

2. The perimeter of an equilateral triangle is 24 cm. What is its area if its height is 6 cm?



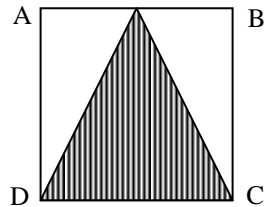
- (1) 12 cm^2 (2) 18 cm^2
(3) 24 cm^2 (4) 30 cm^2 ()

3. Study the figure below. What is the area of the shaded part?



- (1) 35 cm^2 (2) 30 cm^2
(3) 25 cm^2 (4) 20 cm^2 ()

4. The area of the square ABCD is 64 cm^2 .
What is the area of the unshaded part of the square?



- (1) 8 cm^2 (2) 16 cm^2
(3) 24 cm^2 (4) 32 cm^2 ()

5. The area of a triangle is 45 cm^2 .
Its base is 18 cm. What is the height of the triangle?

- (1) 7 cm (2) 5 cm
(3) 6 cm (4) 4 cm ()

6. What is the base of a triangle if its area is 90 cm^2 and its height is 9 cm?

(1) 20 cm

(2) 30 cm

(3) 40 cm

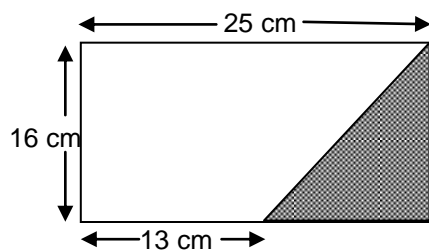
(4) 50 cm

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Section B1

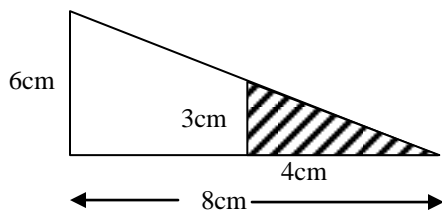
For each question, show your workings, if any, clearly in the space below it. Write your answer in the blank provided. **The use of calculator is not allowed.**

7. Study the given diagram. What is the area of the shaded triangle?



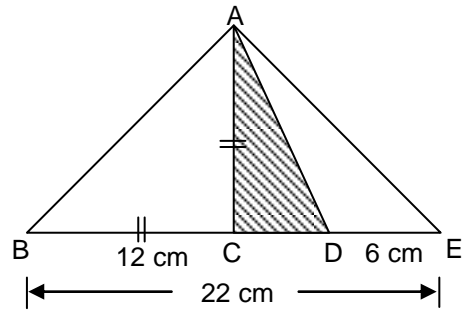
Answer: _____ cm^2

8. What **fraction** of the figure below is shaded?



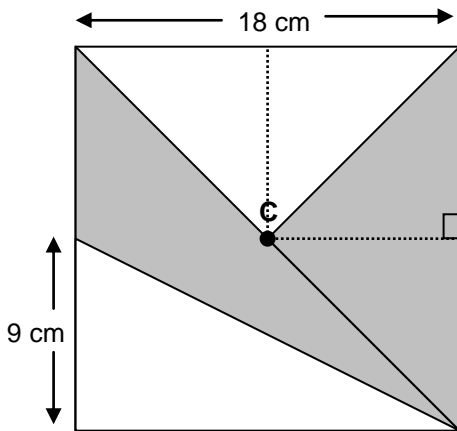
Answer: _____

9. In the figure below, $AC = BC$. Find the area of the triangle ACD.



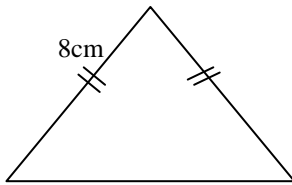
Answer: _____ cm^2

10. Study the square below. C is the mid-point of the square. What is the area of the shaded part?



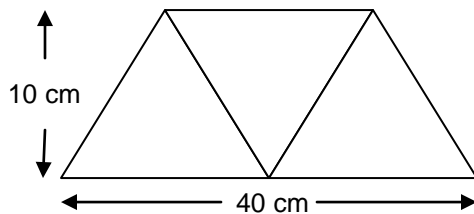
Answer: _____ cm^2

11. In the figure below, the isosceles triangle has a perimeter of 26 cm and an area of 30cm^2 . What is the height of the triangle?



Answer: _____ cm

12. The figure shown below is made up of 3 identical triangles. What is the area of the figure?



Answer: _____ cm^2
