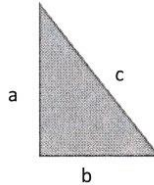


**Grade 7 – SS2 #2**

*(Show your work and transfer answers to grey strip at right.)*

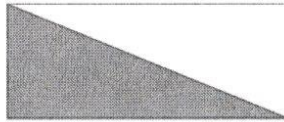
1) On the triangle, which letters represent the base and height?

- A a is the base, c is the height
- B c is the base, b is the height
- C b is the base, a is the height
- D b is the base, c is the height



2) The area of the rectangle is  $32 \text{ cm}^2$ . What is the area of the shaded triangle?

- A  $16 \text{ cm}^2$
- B  $32 \text{ cm}^2$
- C  $24 \text{ cm}^2$
- D  $12 \text{ cm}^2$



3) Find the area of a triangle that has a base of 4 cm and a height of 3 cm.

- A  $12 \text{ cm}^2$
- B  $24 \text{ cm}^2$
- C  $7 \text{ cm}^2$
- D  $6 \text{ cm}^2$

4) The area of a triangle is  $20 \text{ cm}^2$ . The height is 4 cm, what is the measurement of the base?

- A 40cm
- B 5cm
- C 16cm
- D 10cm

**ANSWERS**

1. A  
B  
C  
D

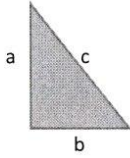
2. A  
B  
C  
D

3. A  
B  
C  
D

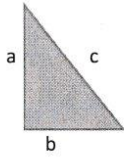
4. A  
B  
C  
D

Grade 7 – SS2 #2

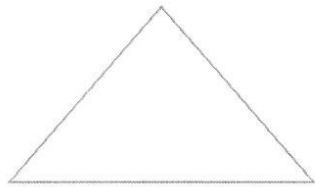
1) Which letter on the triangle represents the base?



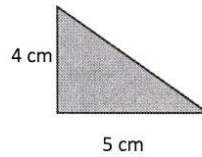
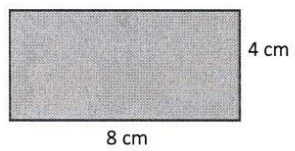
2) Which letter on this triangle represents the height?



3) Draw a line that represents the height of this triangle.

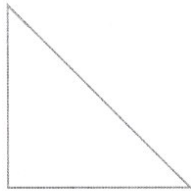


4) Find the area of the triangle and the rectangle.



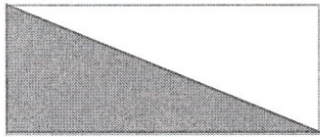
**Grade 7 – SS2 #2**

5) Why is the area of this triangle not  $42 \text{ cm}^2$ ?

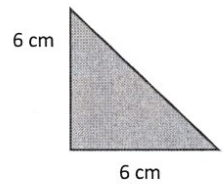


Height = 7 cm Base = 6 cm

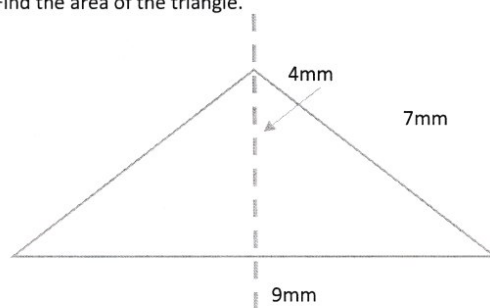
6) The area of a rectangle is  $28 \text{ cm}^2$ . What is the area of the shaded triangle?



7) Find the area of the triangle.

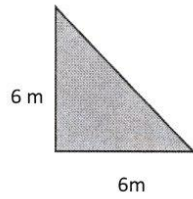


8) Find the area of the triangle.



**Grade 7 – SS2 #2**

- 9) Find the area of the triangle.



- 10) The area of a triangle is  $60 \text{ cm}^2$ . The height is 6 cm, what is the measurement of the base?
- 11) The area of a triangle is  $25 \text{ cm}^2$ . The base is 5 cm, what is the measurement of the height?
- 12) The area of a triangle is  $120 \text{ cm}^2$ . The base is 10 cm, what is the height?