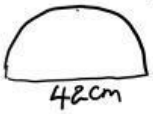
Area and Perimeter

Select the letter that corresponds with the correct answer.
Answer all questions.

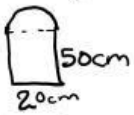
1) Calculate the area of a circle with radius 21cm. ($\pi = \frac{22}{7}$)
a) $441 cm^2$ (b) $66 cm^2$ (c) $616 cm^2$ (d) $1386 cm^2$

2) Calculate the area of the semi-circle below. ($\pi = 22/7$)



a) $441 cm^2$ (b) $1764 cm^2$ (c) $1368 cm^2$ (d) $693 cm^2$

3) What is the area of the shape below



a) $1314 cm^2$ (b) $1157 cm^2$ (c) $1400 cm^2$ (b) $1517 cm^2$

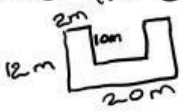
4) What is the area of this triangle?

a) $54 m^2$ (b) $108 m^2$ (c) $90 m^2$ (d) $180 m^2$

5) Calculate the area of the shape.

a) $1530 mm^2$ (b) $1800 mm^2$ (c) $1260 mm^2$ (d) $900 mm^2$

(6) Calculate the area of this shape



a) $40 m^2$ (b) $60 m^2$ (c) $80 m^2$ (d) $100 m^2$

7) Calculate the circumference of a circle with radius of 20cm. ($\pi = 3.14$)

a) 12.56 cm (b) 125.6cm (c) 1256cm (d) 1.256m

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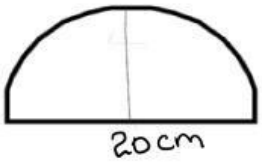
8) Calculate the perimeter of this semicircle. ($\pi = 3.14$)

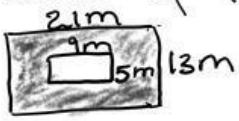


a) 82.8 cm (b) 62.8 cm (c) 51.4 cm (d) 102.8 cm

9) Calculate the circumference of a circle with a diameter of 14cm. ($\pi = \frac{22}{7}$)

a) 88 cm (b) 66 cm (c) 44 cm (d) 22 cm

10) What is the area of the shaded area?



a) $228m^2$ (b) $273m^2$ (c) $45m^2$ (d) $91cm^2$

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