

Area, Perimeter and Circumference Review WS **ANSWER KEY**

***Round answers to the nearest tenth**

Fill in each blank with the correct formula.

1. the area of a circle: $A = \pi r^2$
2. the area of a triangle: $A = \frac{1}{2}bh$
3. the area of a parallelogram: $A = bh$
4. the circumference of a circle: $C = 2\pi r$ or πd

Find the area and perimeter (or circumference) of each figure.



$C = 25.1 \text{ in}$
 $A = 50.3 \text{ in}^2$



$P = 22 \text{ ft}$
 $A = 30 \text{ ft}^2$



$P = 37 \text{ m}$
 $A = 65 \text{ m}^2$



$P = 36 \text{ cm}$
 $A = 81 \text{ cm}^2$



$P = 25 \text{ yd}$
 $A = 22.5 \text{ yd}^2$



$P = 56 \text{ ft}$
 $A = 182 \text{ ft}^2$



$P = 62 \text{ km}$
 $A = 189 \text{ km}^2$



$C = 314.2 \text{ cm}$
 $A = 7854 \text{ cm}^2$

13. a circle with a radius of 12 ft.

$C = 75.4 \text{ ft}$
 $A = 452.4 \text{ ft}^2$

14. a rectangle with length = 14 ft and width = 17 ft

$P = 62 \text{ ft}$
 $A = 238 \text{ ft}^2$

15. a circle with a diameter of 22 yd.

$C = 69.1 \text{ yd}$
 $A = 380.1 \text{ yd}^2$

16. a square with a side of 10 mm

$P = 40 \text{ mm}$
 $A = 100 \text{ mm}^2$

Perimeter Circumference And Area Tesccc Answers

Sasha Hu



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