



Math on the Fly!



NAME: _____ DATE: _____

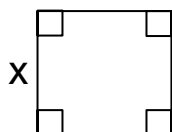
Finding Missing Dimensions of 2D Figures

Find the value of each variable in the figures below.

1.

Square

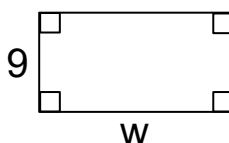
Perimeter = 64 cm



2.

Rectangle

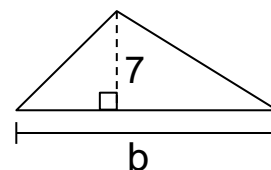
Area = 117 in²



3.

Triangle

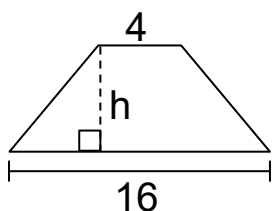
Area = 42 km²



4.

Trapezoid

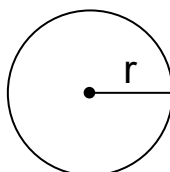
Area = 60 ft²



5.

Circle

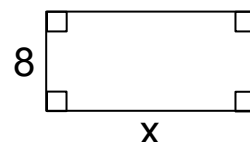
Circumference = 30π cm



6.

Rectangle

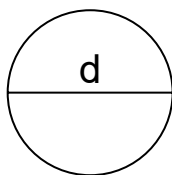
Perimeter = 50 in



7.

Circle

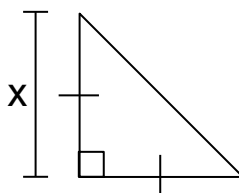
Area = 81π cm²



8.

Triangle

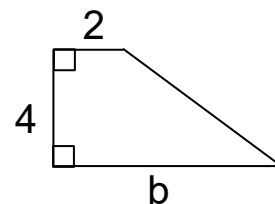
Area = 32 km²



9.

Trapezoid

Area = 24 ft²



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SOLUTIONS

1. $x = 16 \text{ cm}$

2. $w = 13 \text{ in}$

3. $b = 12 \text{ km}$

4. $h = 6 \text{ ft}$

5. $r = 15 \text{ cm}$

6. $x = 17 \text{ in}$

7. $d = 18 \text{ cm}$

8. $x = 8 \text{ km}$

9. $b = 10 \text{ ft}$