Area 2.1
Geometry

1) What is perimeter? 2) What is area? 3) What is volume?

Given a figure and its dimensions, calculate its area.

4) Rectangle
b = 6 in
h = 15 in
A =

5) Rectangle
b = 25 mi
h = 43 mi
A =

6) Parallelogram
b = 52 m
h = 22 m
A =

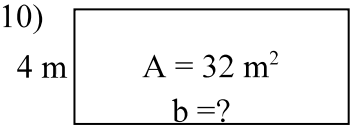
7) Parallelogram
b = 91 km
h = 18 km
A =

8) Triangle
b = 47 yds
h = 16 yds
A =

9) Triangle
b = 66 cm
h = 148 cm
A =

Given the area of a figure and its base or height, calculate the other dimension.

10)



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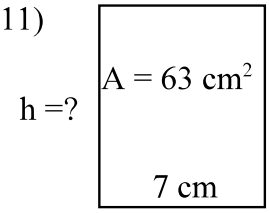

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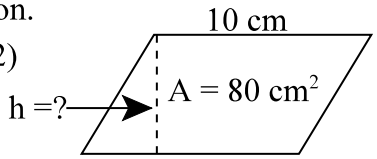

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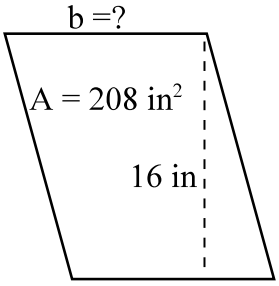

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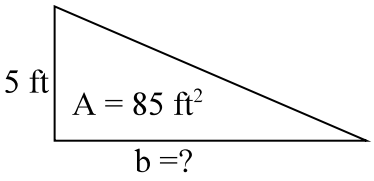

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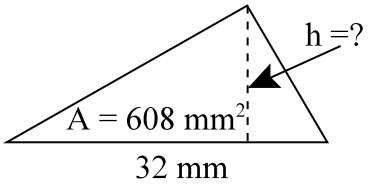
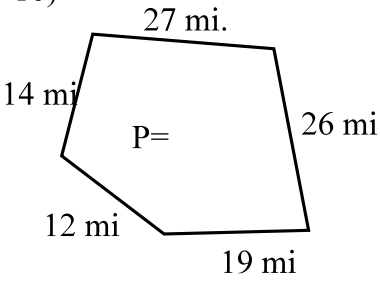


Give the perimeter of the following polygons.

16)



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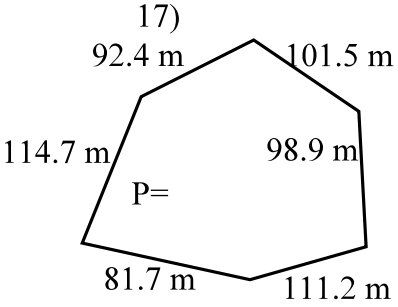
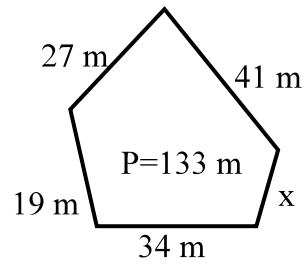


Find the length of the missing side.

18)



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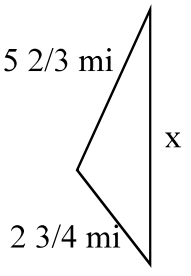

20) A sheet of shingles covers 12 ft^2. How many sheets are needed to cover a roof of 744 ft^2? What will the shingles for the job cost be at $2.00/sheet?

21) A can full of paint covers 300 ft^2. How many cans will be needed to cover a surface of 1,800 ft^2? What will the paint cost at $12.00/can?