

formulasmeasurement.doc - LibreOffice Writer

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Times New Roman

12

base a

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Measurement Formulas

Circumference of a Circle

Area of Circle

Area of a Rectangle

Area of a Parallelogram

Area of a Triangle

Area of a Trapezoid

Surface Area & Net of a Triangular Prism

Surface Area & Net of a Rectangular Prism

Volume of a Rectangular Prism

Volume of a Triangular Prism

Surface Area & Net of a Cylinder

Volume of a Cylinder

Surface Area & Net of a Cone

Volume of a Cone

Surface Area & Net of a Pyramid

$2\pi r$

Or  $\pi d$

$A = \pi r^2$

$A = L \times w$

$A = bh$

$A = \frac{bh}{2}$

$A = \frac{(a+b)h}{2}$

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98 words, 1735 characters

Default Style

English (Canada)

100%

9:14 AM 5/4/2015

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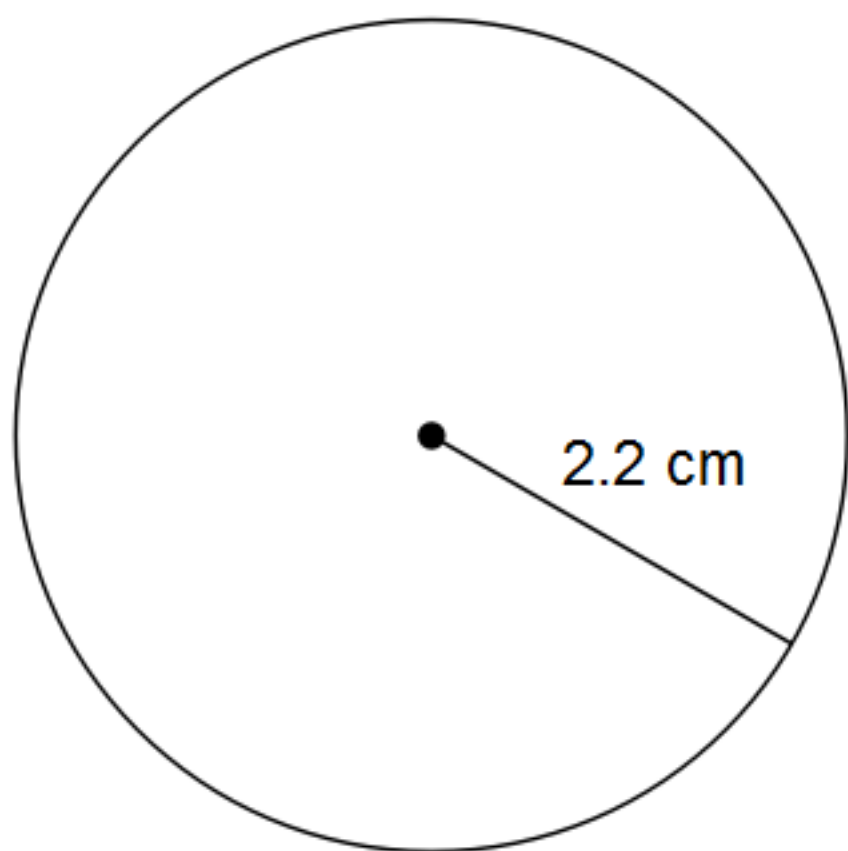
Jump



1-up

Find the area of each. Round to the nearest tenth.

1)



$$A = \pi r^2$$

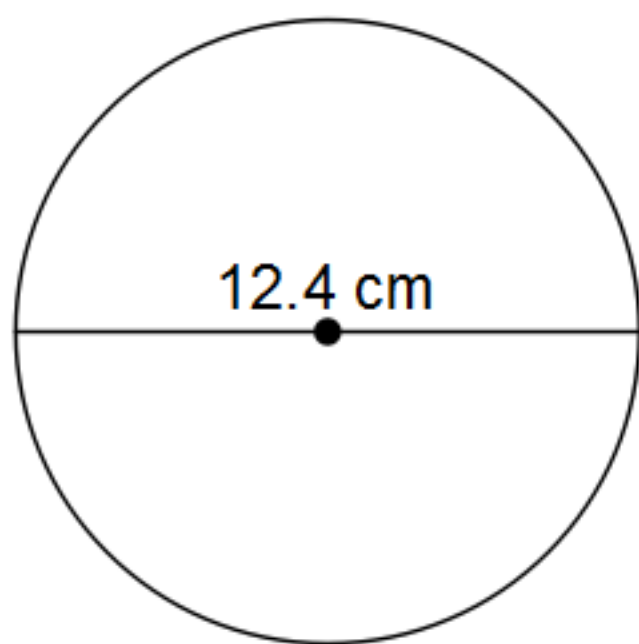
$$A = (3.14)(2.2)^2$$

$$A = 3.14(4.84)$$

$$A = 15.2 \text{ cm}^2$$

Find the area of each. Round to the nearest tenth.

2)



$$A = \pi r^2$$

$$A = 3.14 (6.2)^2$$

$$A = 3.14 (38.44)$$

$$A = 120.7 \text{ cm}^2$$

$$r = \frac{12.4}{2}$$

$$r = 6.2$$

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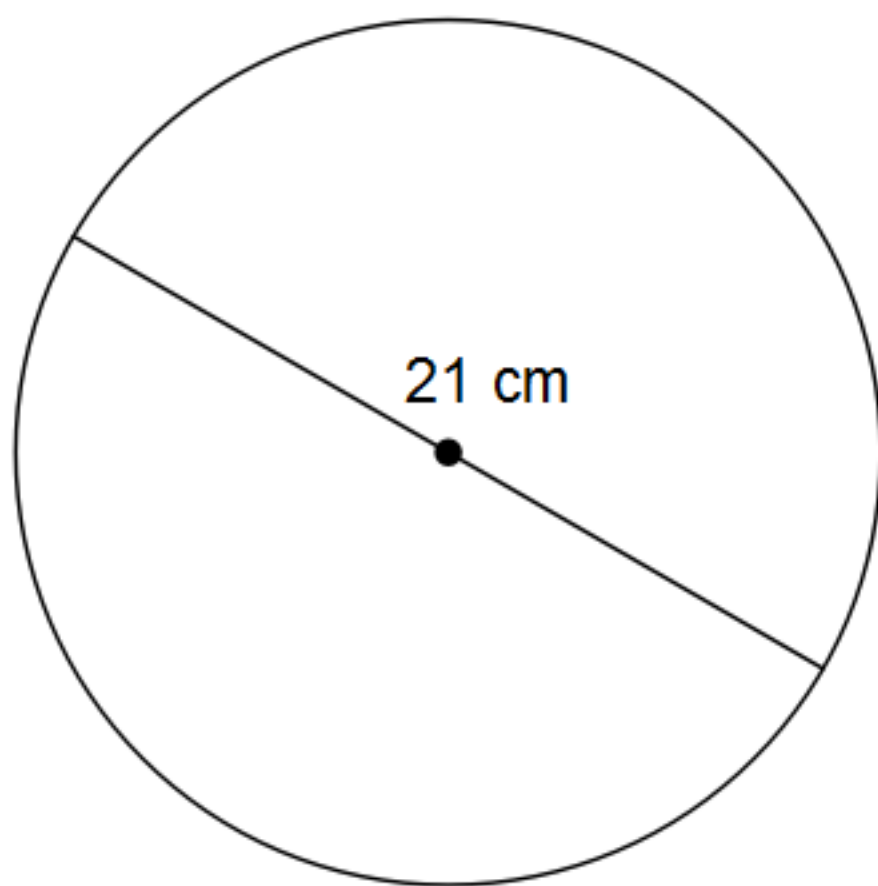
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1-up

Find the circumference of each circle. Round to the nearest tenth.

3)



$$\begin{aligned} C &= \pi d \\ C &= 3.14(21) \\ C &= 65.9 \text{ cm} \\ C &= 66 \text{ cm} \end{aligned}$$

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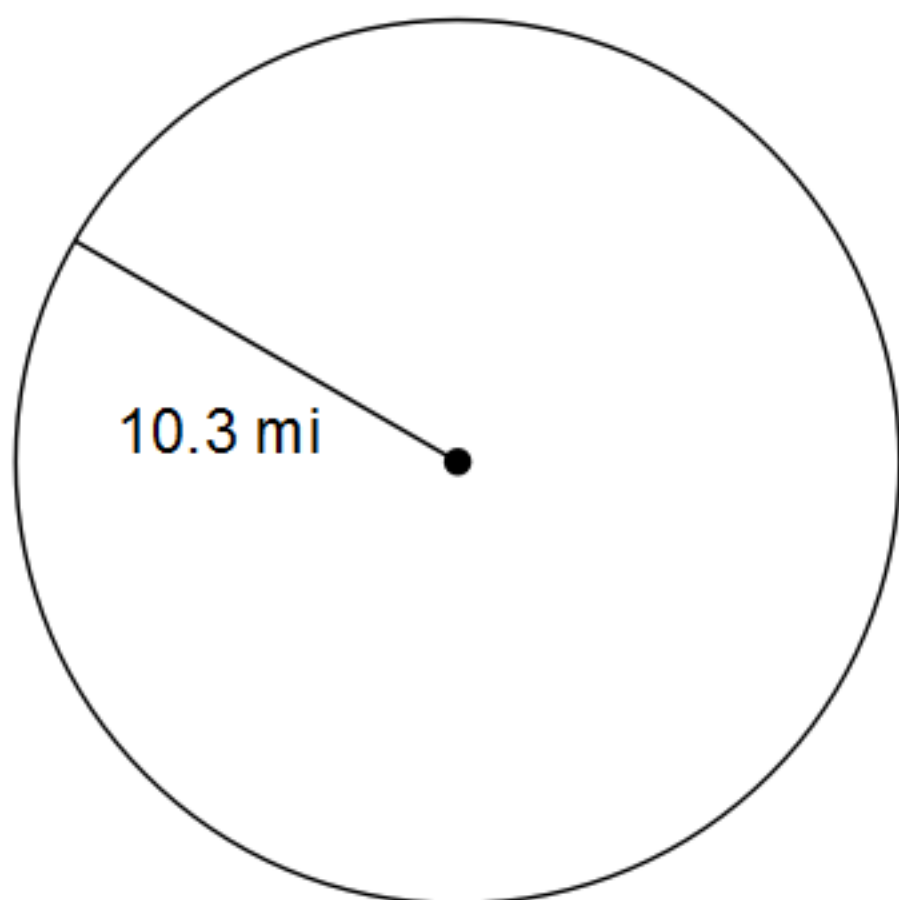
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1-up

Find the circumference of each circle. Round to the nearest tenth.

4)



$$C = \pi d$$

$$C = (3.14)(20.6)$$

$$C = 64.7 \text{ mi}$$

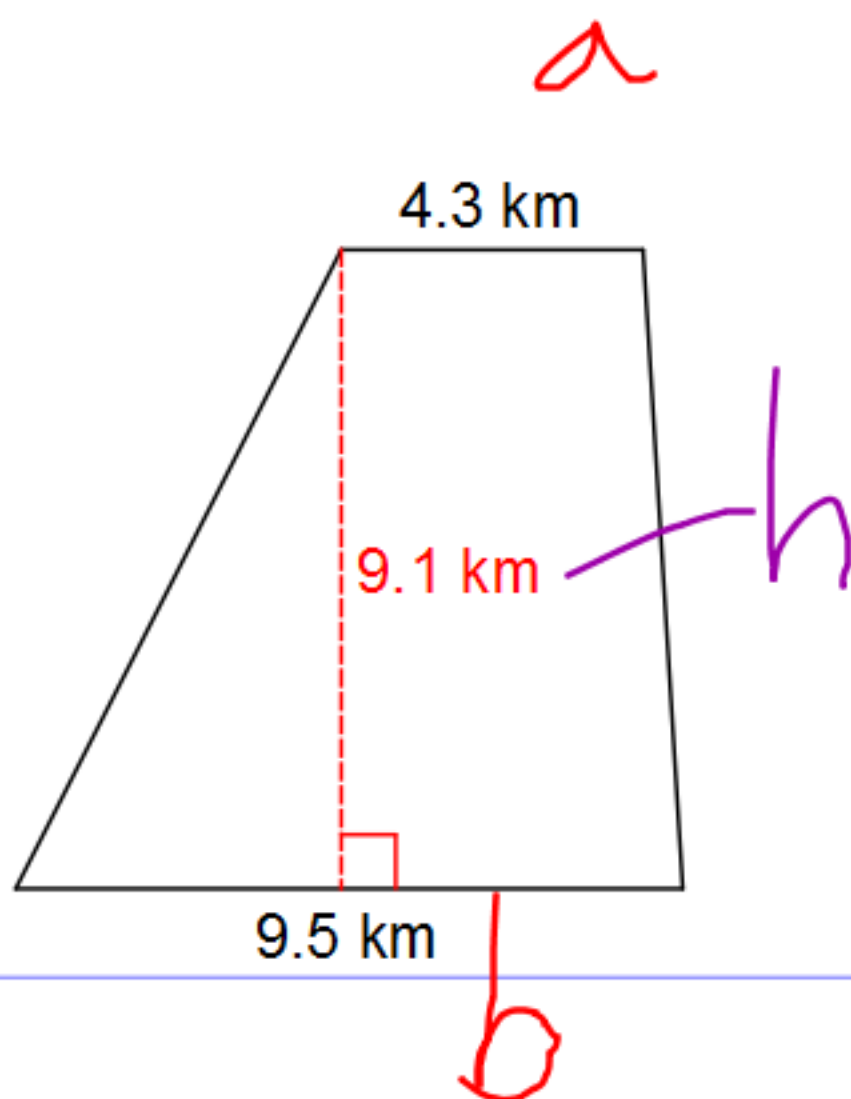
$$d = 10.3 + 10.3$$

$$= 20.6$$



Find the area of each.

5)



$$A = \frac{(a+b)(h)}{2}$$

$$A = \frac{(4.3 + 9.5)(9.1)}{2}$$

$$A = \frac{(13.8)(9.1)}{2}$$

$$A = \frac{125.58}{2}$$

$$A = 62.79$$

$$A = 62.8 \text{ km}^2$$

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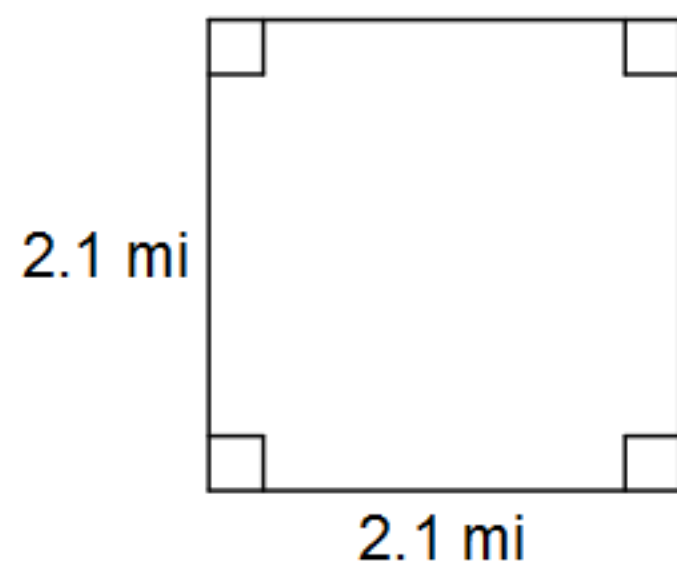
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1-up

Find the area of each.

6)




$$A = L \times W$$

$$2.1 \times 2.1$$

$$= A$$

$$A = 4.41$$

$$A = 4.41 \text{ mi}^2$$

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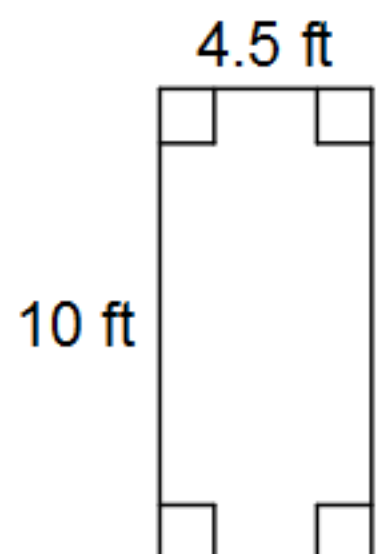
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1-up

Find the area of each.

7)



$$A = l \times w$$

$$A = 10 \times 4.5$$

$$A = 45 \text{ ft}^2$$

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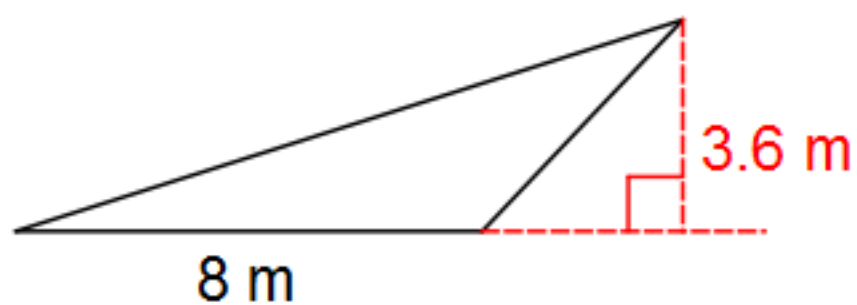
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1-up

Find the area of each.

8)



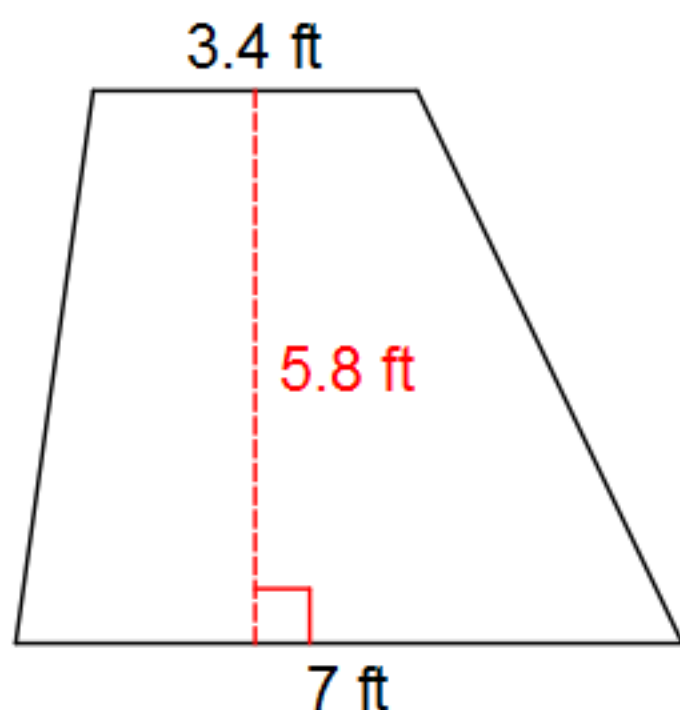
$$A = \frac{b \times h}{2}$$

$$A = \frac{8 \times 3.6}{2}$$

$$A = 14.4 \text{ m}^2$$

Find the area of each.

9)




$$A = \frac{(a+b)h}{2}$$

$$A = \frac{(3.4+7)5.8}{2}$$

$$A = \frac{(10.4)(5.8)}{2}$$

$$A = \frac{60.32 \text{ ft}^2}{2}$$

$$A = 30.16 \text{ ft}^2$$

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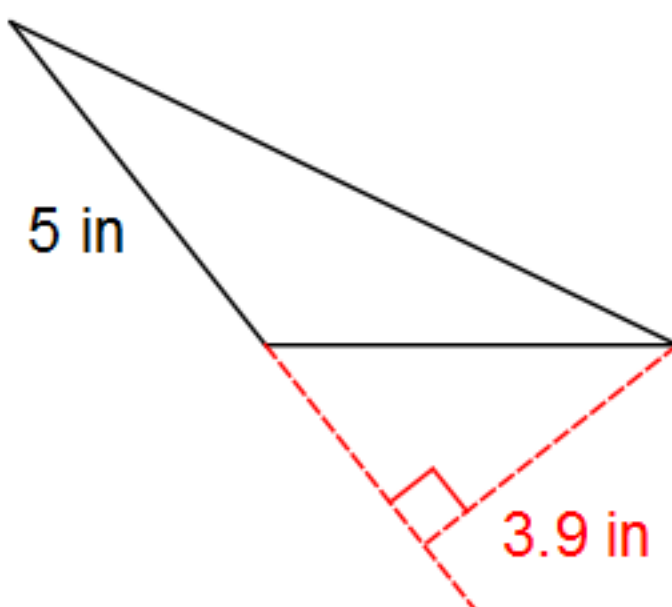
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1-up

Find the area of each.

10)



$$A = \frac{bh}{2}$$

$$A = \frac{5(3.9)}{2}$$

$$A = \frac{19.5}{2}$$

$$A = 9.75 \text{ in}^2$$

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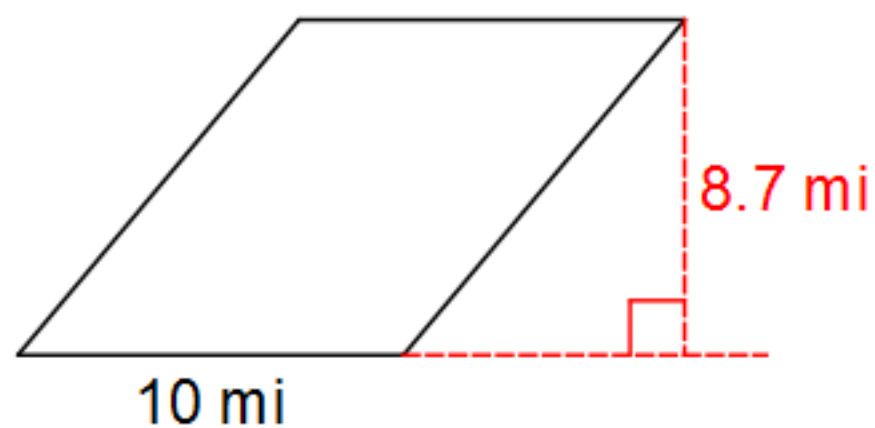
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1-up

Find the area of each.

11)



$$A = bh$$
$$A = (10)(8.7)$$
$$A = 87 \text{ mi}^2$$

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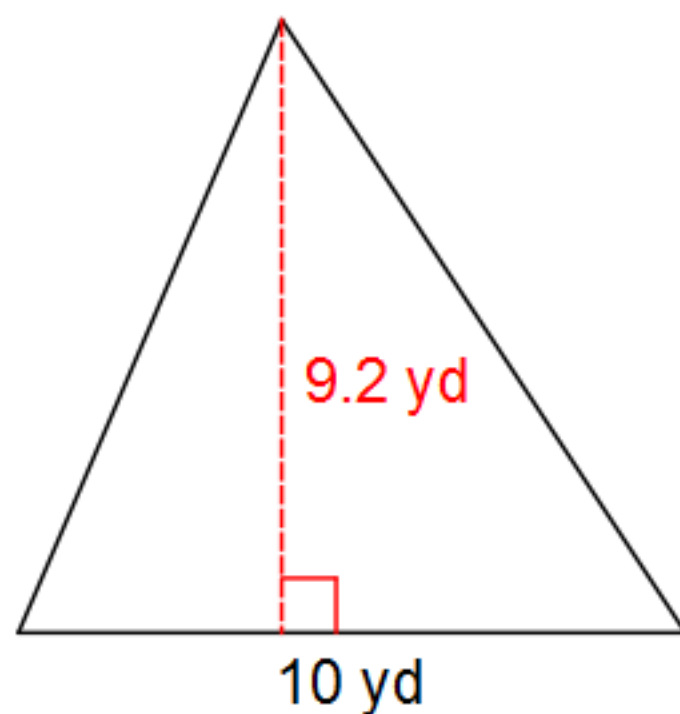
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1-up

Find the area of each.

12)



$$A = \frac{bh}{2}$$
$$A = \frac{(10)(9.2)}{2}$$
$$A = \frac{92}{2}$$
$$A = 46 \text{ yd}^2$$

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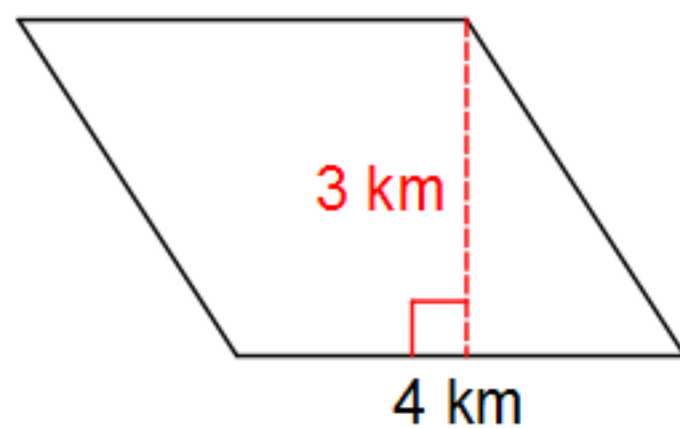
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1-up

Find the area of each.

13)



$$A = b \times h$$

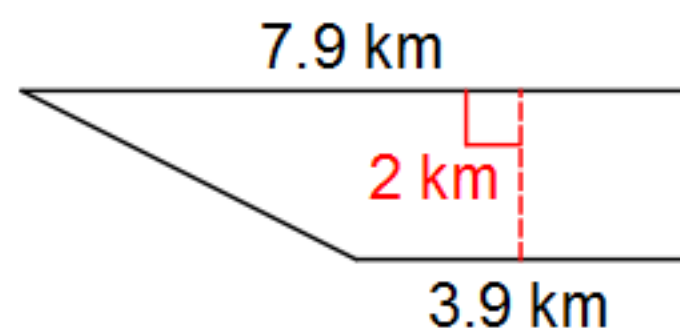
$$A = 4 \times 3$$

$$A = 12 \text{ km}^2$$



Find the area of each.

14)



trapezoid

$$A = \frac{(a+b)h}{2}$$

$$A = \frac{(3.9 + 7.9)(2)}{2}$$

$$A = \frac{(11.8)(2)}{2}$$

$$A = 11.8 \text{ km}^2$$

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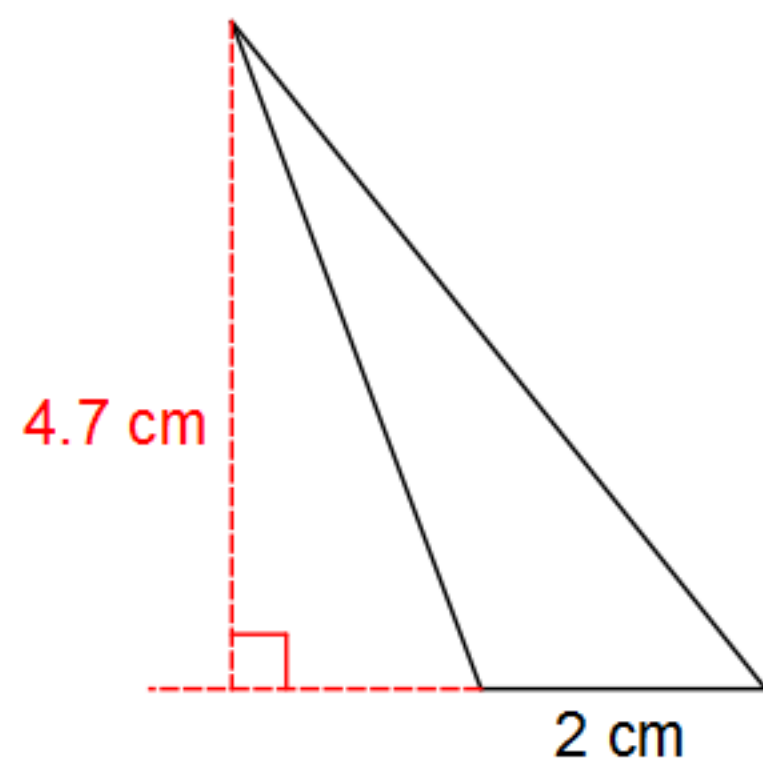
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1-up

Find the area of each.

15)



$$A = \frac{bh}{2}$$

$$A = \frac{(2)(4.7)}{2}$$

$$A = \frac{9.4}{2}$$

$$A = 4.7 \text{ cm}^2$$

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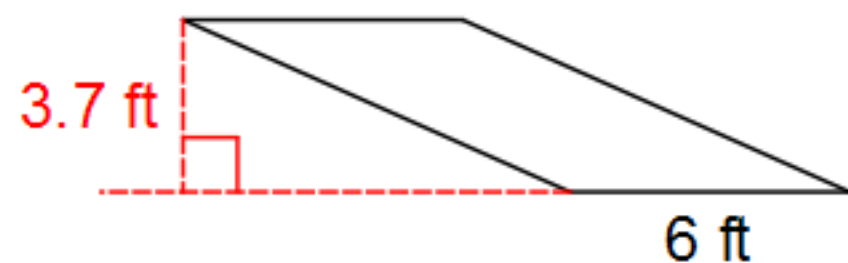
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1-up

Find the area of each.


16)



$$A = bh$$

$$A = (6)(3.7)$$

$$A = 22.2 \text{ ft}^2$$

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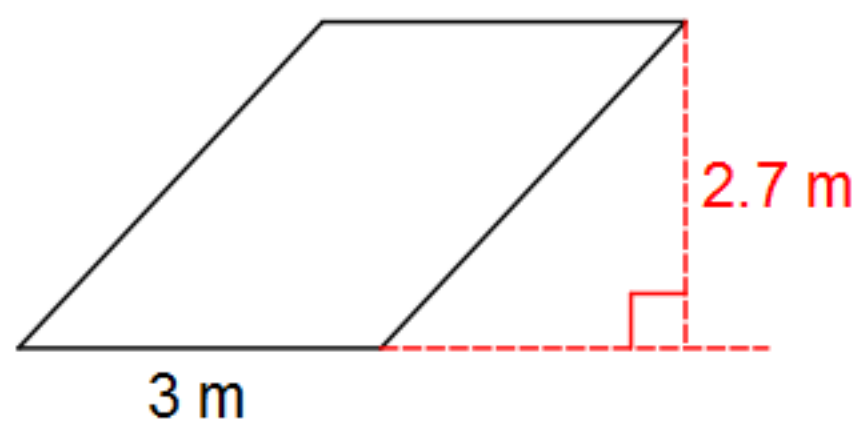
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1-up ▾

Find the area of each.

17)



$$A = bh$$

$$A = 3 \times 2.7$$

$$A = 8.1 \text{ m}^2$$