Grade 11 College Math Name_____

Area Review

Date_____

Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

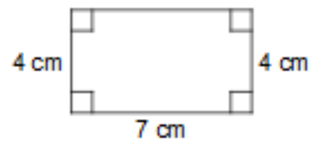
Area of a Square/Rectangle = lw

Area of a Paralellogram = bh

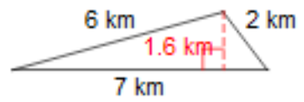
Area of a Triangle = $\frac{bh}{2}$

Area of a Trapezoid = $\frac{(a+b)h}{2}$

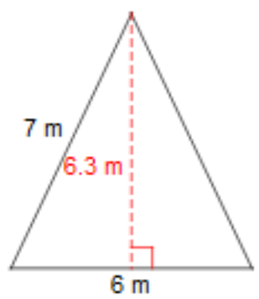
1)



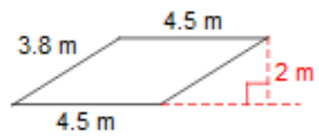
2)



3)



4)



Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

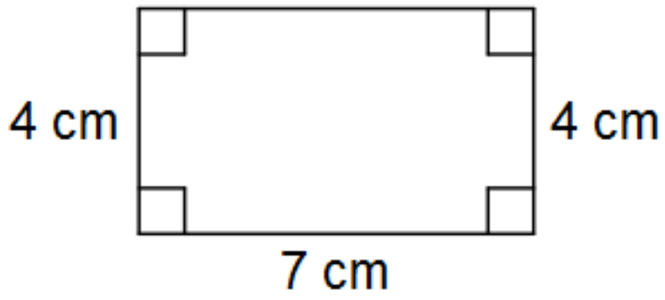
Area of a Square/Rectangle =
=

Area of a Paralellogram

Area of a Triangle =

Area of a Trapezoid =

1)



$A = lw$

$A = (7)(4)$

$A = 28.0\ cm^2$

Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

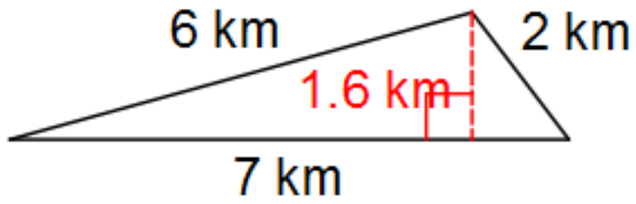
Area of a Square/Rectangle =
=

Area of a Paralellogram

Area of a Triangle =

Area of a Trapezoid =

2)



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

$$A = \frac{(7)(1.6)}{2}$$

$$A = 5.6\ km^2$$

Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

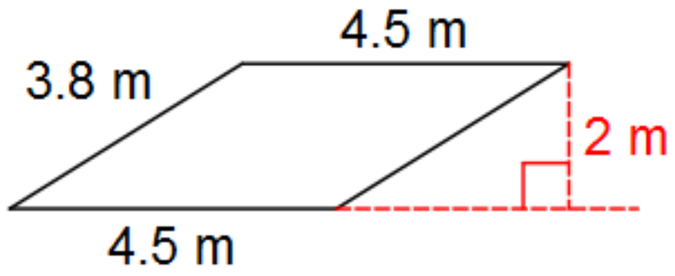
Area of a Square/Rectangle =
=

Area of a Paralellogram

Area of a Triangle =

Area of a Trapezoid =

4)



$A = bh$
$= (4.5)(2)$
$= 9.0\,m^2$

Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

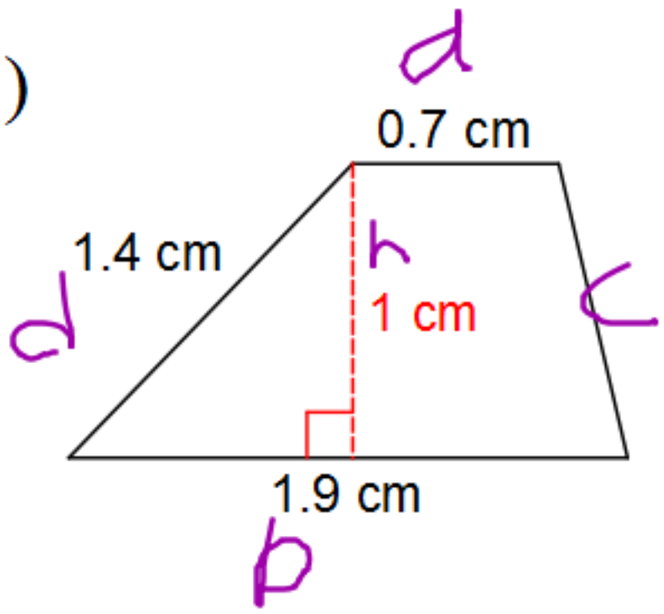
Area of a Square/Rectangle =
=

Area of a Paralellogram

Area of a Triangle =

Area of a Trapezoid =

5)



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

$$= \frac{(0.7+1.9)(1)}{2}$$

$$A = \frac{2.6}{2}$$

$$A = 1.3\,cm^2$$

Find the area of each figure.
Remember to always write your formula and then solve. Round answers to the nearest tenth.

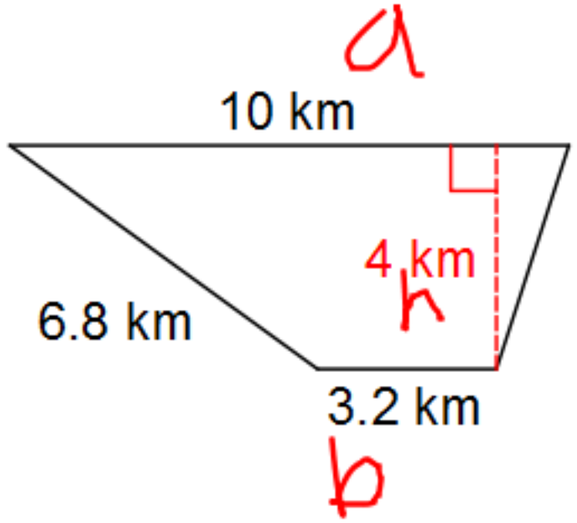
Area of a Square/Rectangle =
=

Area of a Paralellogram

Area of a Triangle =

Area of a Trapezoid =

7)



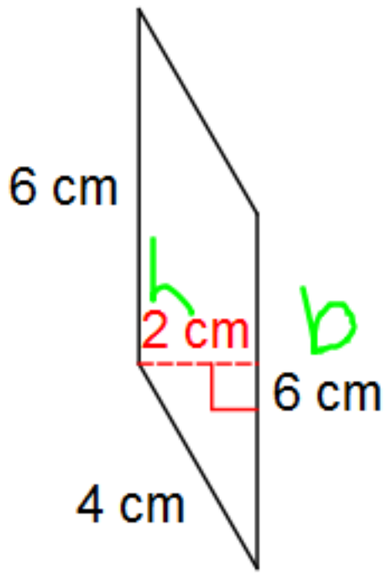
$$A = \frac{(a+b)h}{2}$$

$$= \frac{(10+3.2)4}{2}$$

$$= \frac{(13.2)(4)}{2}$$

$$A = 26.4\ km^2$$

8)

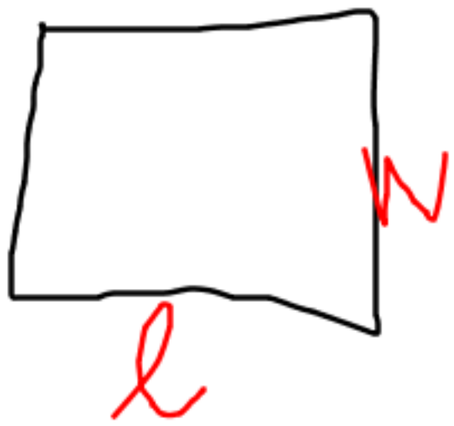


$$A = bh$$

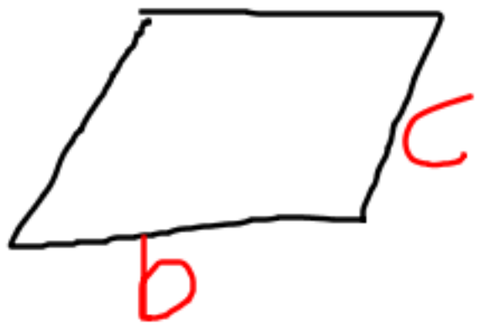
$$A = (6)(2)$$

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

Perimeter

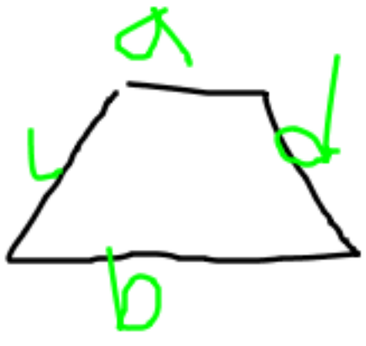


$P = 2l + 2w$



$P = 2b + 2c$

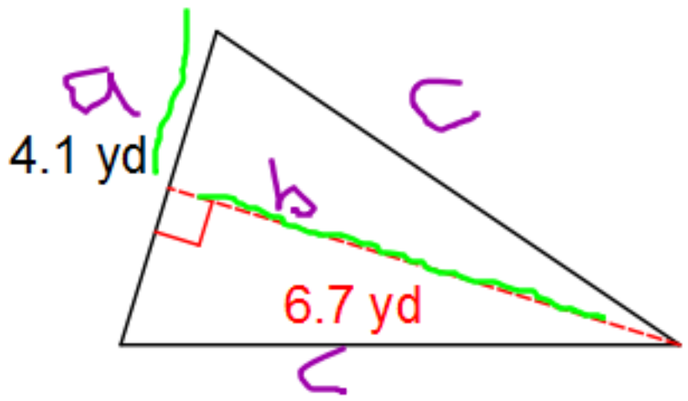
$P = a + b + c$



$P = a + b + c + d$

Find the perimeter and area of each. Write the formula for each question first and round to the nearest tenth in your answer. Don't forget the units!

3)



$a = \frac{4.1}{2}$

$= 2.05\text{yd} \Rightarrow$

$a^2 + b^2 = c^2$

$2.05^2 + 6.7^2 = c^2$

$\sqrt{49.09} = c^2$

$7.0 = c$

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

$= \frac{(4.1)(6.7)}{2}$

$A = 13.7\text{yd}^2$

$P = a + 2c$

$P = 4.1 + 2(7)$

$P = 18.1\text{yd}$

#1, 2 → A, P

#4 → P

#5, 6, 7 → A

#8 → P *use pyth. ther.

#9, 10, 11 → A