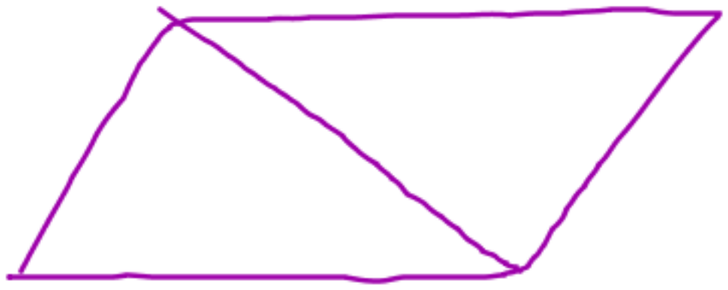
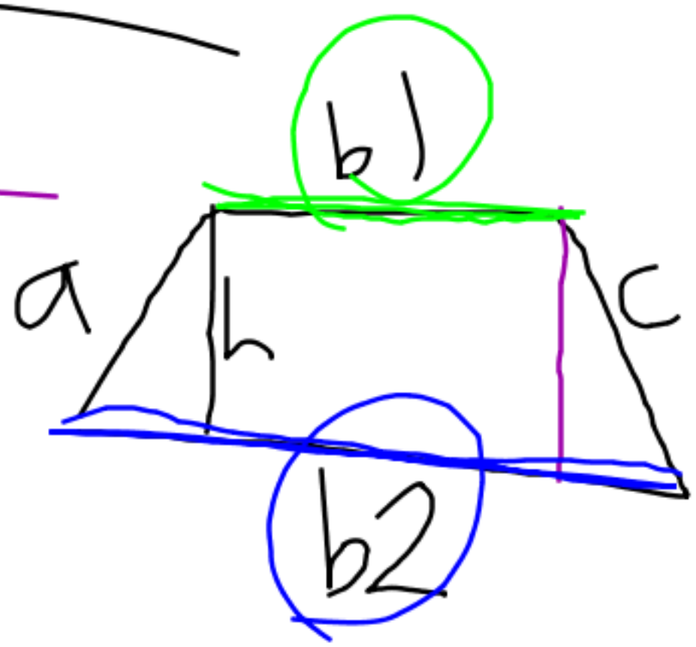
Perimeter/Area of Trapezoid and Parallelogram

	Per	Area
Par	$2(a+b)$	$b \cdot h$
Trap	$a+b_1+b_2+c$	$\frac{(b_1+b_2)h}{2}$



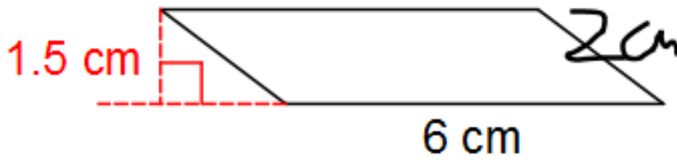


Infinite Pre-Algebra

Show

Find the perimeter and area of each 2-D parallelogram or trapezoid. Round all final answers to the nearest tenth, and don't forget to include your units!

7)



$a = 2\text{ cm}$
$b = 6\text{ cm}$

$P = 2(a+b)$

$P = 2(2+6)$

$P = 2(8)$

$P = 16\text{ cm}$

$A = b \cdot h$

$A = 6 \times 1.5$

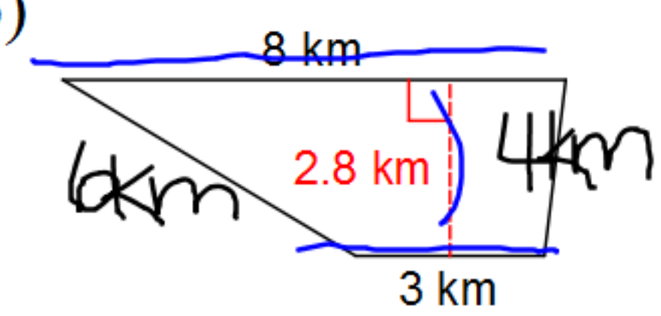
$A = 9\text{ cm}^2$

Infinite Pre-Algebra

Show

Find the perimeter and area of each 2-D parallelogram or trapezoid. Round all final answers to the nearest tenth, and don't forget to include your units!

6)



$P = a + b1 + b2 + c$

$P = 4 + 3 + 8 + 6$

$P = 21\ km$

$a = 4km$

$b_1 = 3km$

$b_2 = 8km$

$c = 6km$

$h = 2.8km$

$A = \frac{(b1 + b2)h}{2}$

$A = \frac{(3+8)2.8}{2}$

$A = \frac{(11)2.8}{2}$

$= \frac{30.8}{2}$

$= 15.4\ km^2$