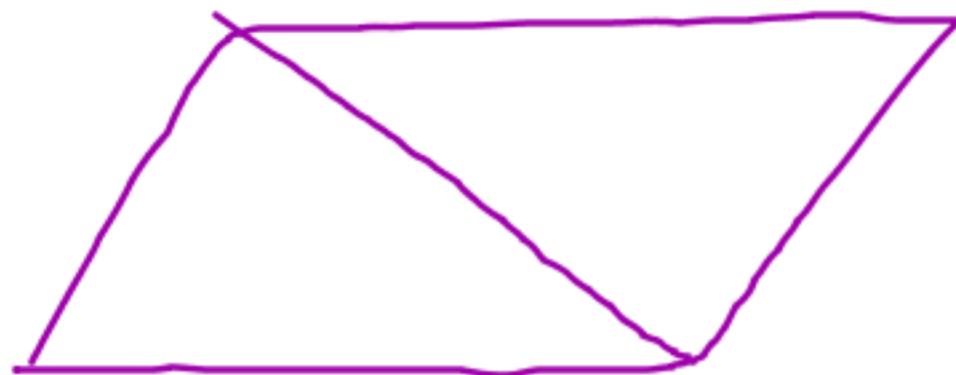
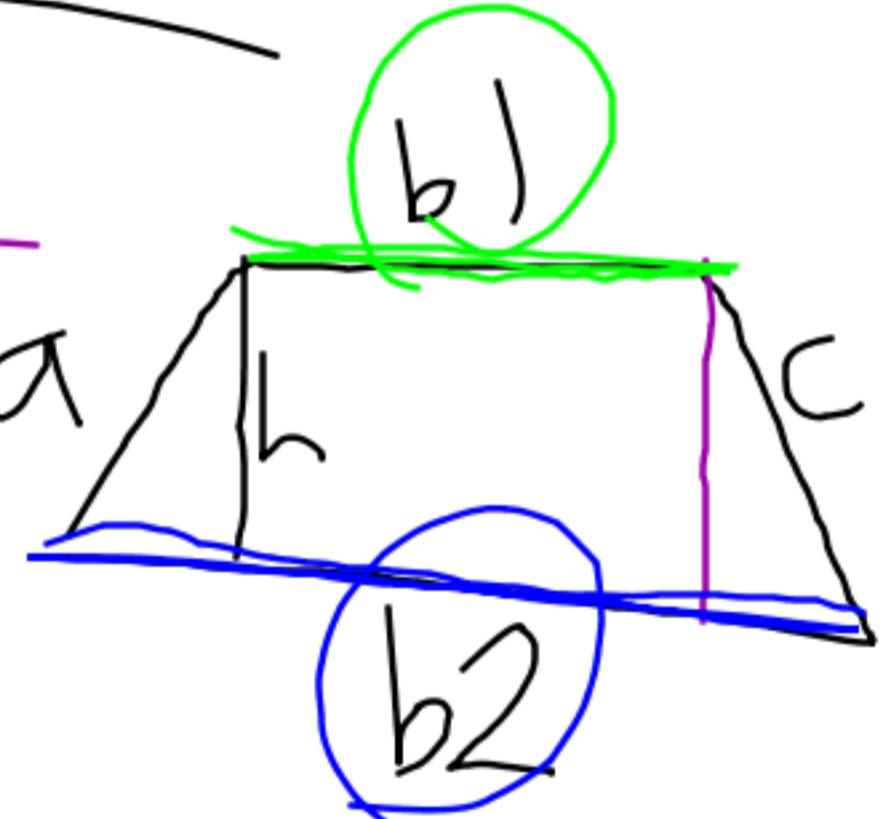


# Perimeter/Area of Trapezoid and Parallelogram

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



Show

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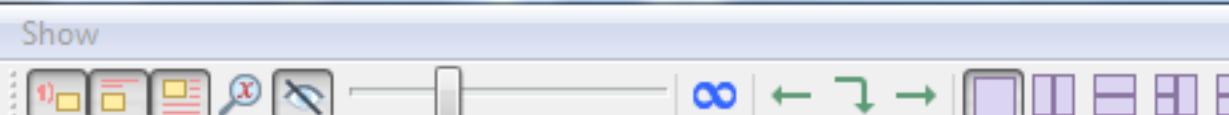
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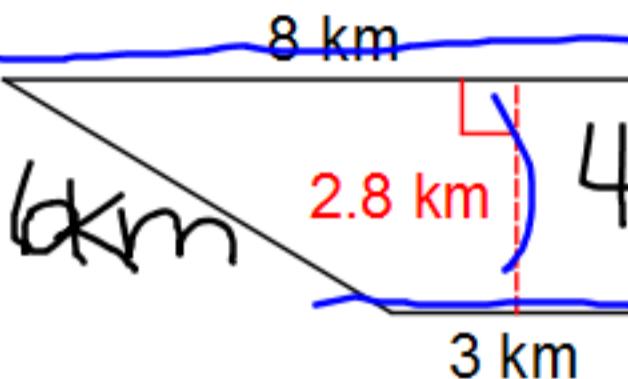
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Find the perimeter and area of each 2-D parallelogram or trapezoid. Round all final answers to the nearest tenth, and don't forget to include your units!

6)



$$P = a + b_1 + b_2 + c$$

$$P = 4 + 3 + 8 + 6$$

$$P = 21 \text{ km}$$

$$a = 4 \text{ km}$$

$$b_1 = 3 \text{ km}$$

$$b_2 = 8 \text{ km}$$

$$c = 6 \text{ km}$$

$$h = 2.8 \text{ km}$$

$$A = \frac{(b_1 + b_2)h}{2} = 15.4 \text{ km}^2$$

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

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