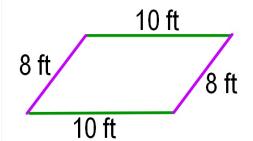
#### MTR

### March 29, 2012

#### Get out Geometry WS2



#### 3/29 - Perimeter/Area of Parallelograms/Triangles



Find the perimeter of the parallelogram.

Formula: 2 x length of the base + 2 x length of the slanted side

$$P = 2B + 2S$$

#### Find the perimeter of these:

7in
$$11 \text{ in}$$

$$P = 28 + 25$$

$$= 2 \cdot 11 + 2 \cdot 7$$

$$= 22 + 14$$

$$= 36 \text{ in}$$

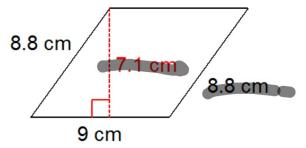
$$6 \text{ yd}$$

$$P = 2 + 2 + 2 + 2 + 6$$

$$= 2 + 1 + 2 + 6$$

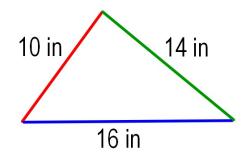
$$= 20 + 1 + 2 + 6$$

$$= 20 + 1 + 2 + 6$$

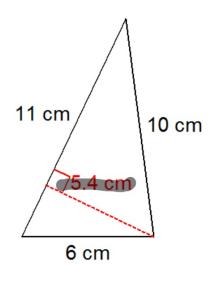


Find the perimeter.

$$P = 2B + 25$$
  
= 2(9) + 2(8.8)  
= 18 + 17.6

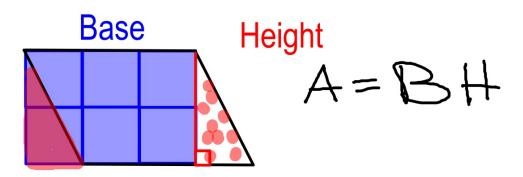


Formula: Add all of the sides together - that's as easy as it gets :)

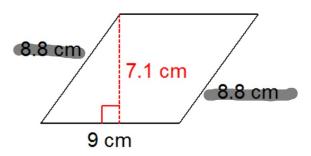


Find the perimeter.

Find the AREA of the parallelogram.



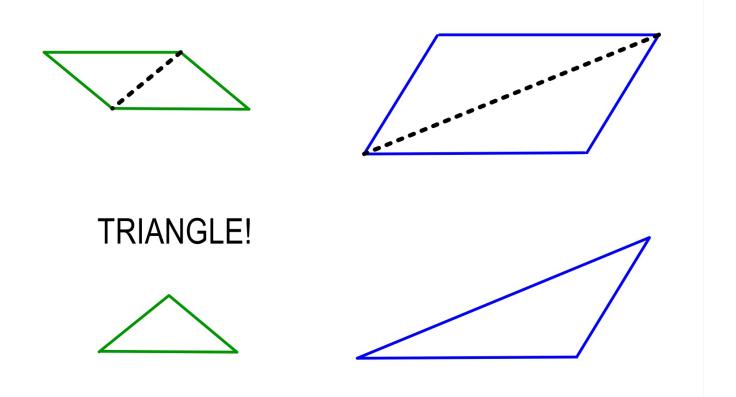
Formula: Area = base x height

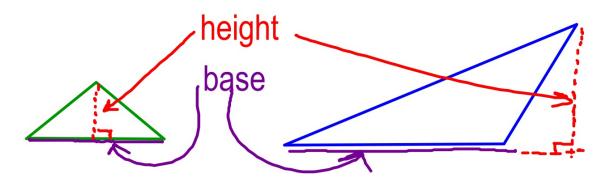


Find the area.

$$A = BH$$
  
= 9 x 7.1  
= 63.9 cm<sup>2</sup>

If you cut a parallelogram in half from corner to corner, you get a...

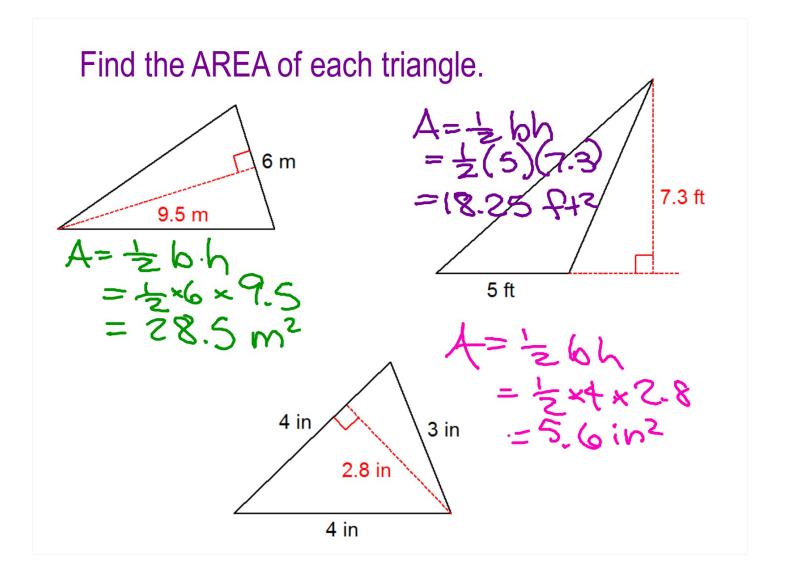


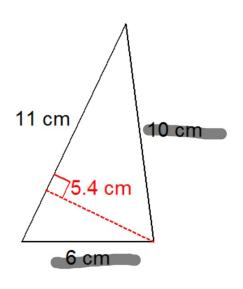


Since the triangle is half of a parallelogram, its formula is half of the parallelogram formula.

Formula: Area = half of BH

A= ちbh





Find the area.

## Homework

# Green Geometry WS3 Due Friday