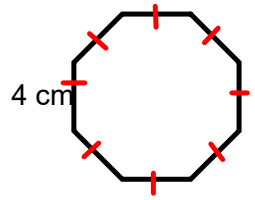
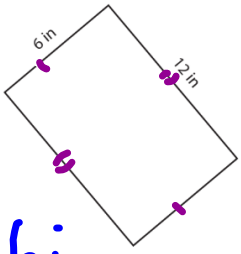
Warm Up

a) Find the perimeter of the regular octagon (Show work)



$P = s+s+s+s+s+s+s+s$
$= 4+4+4+4+4+4+4+4$
$= 32\text{ cm}$

b) Find the perimeter (Show work)



$P = s+s+s+s$
$= 12\text{in}+6\text{in}+12\text{in}+6\text{in}$
$= 36\text{in}$

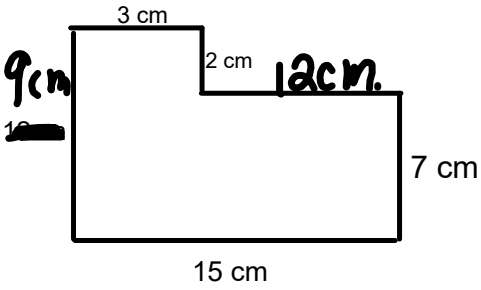
Regular polygons

- Polygons with all equal sides and all equal angles

Irregular Polygons

- Polygons with sides and angles that vary in size

Find the perimeter of the following



$P = 9+3+5+7+5+3$

$= 15cm+7+12+2+3+9$

$= 48cm$

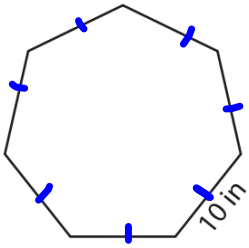
Is this irregular or regular?

Irregular

B/C all the side lengths are different

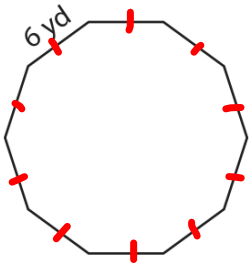
Find the perimeter of the regular polygons:

1)



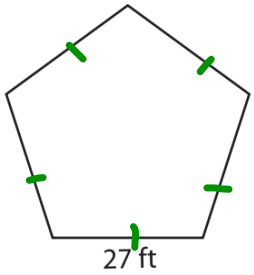
$P = S+S+S+S+S+S+S+S$
$= 10in+10+10+10+10+10+10+10$
$= 70in$

2)



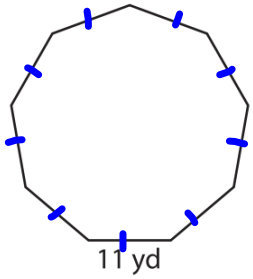
$P = 6+6+6+6+6+6+6+6+6+6$
$= 60yd$

3)



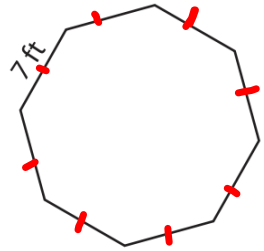
$3)\ P = S+S+S+S+S$
$= 27ft+27ft+27ft+27ft+27ft$
$= 135ft$

4)



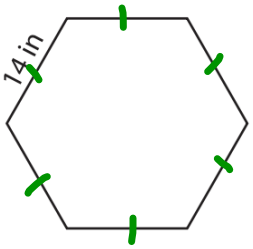
P= 99yd

5)



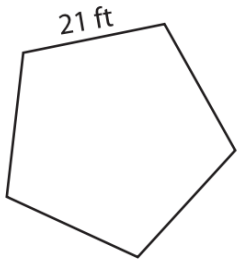
P= 56 ft

6)

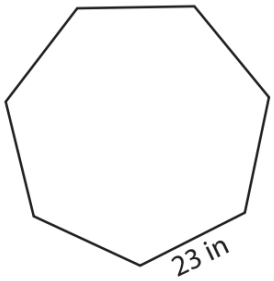


P= 84 in

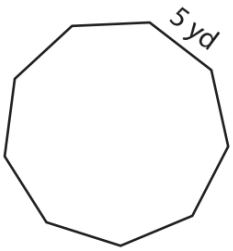
7)



8)



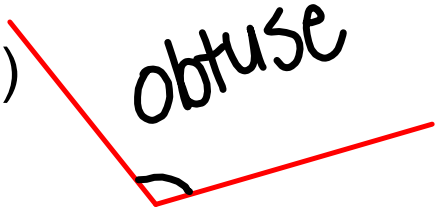
9)



Can you name these angles?

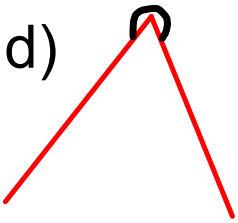
a) Right

b) obtuse



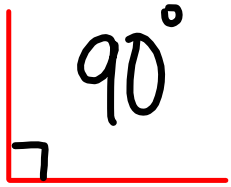
c) acute

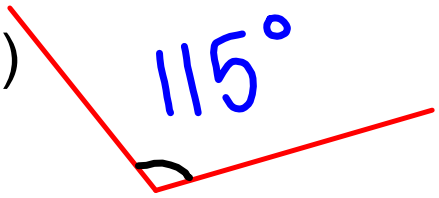
d) Reflex

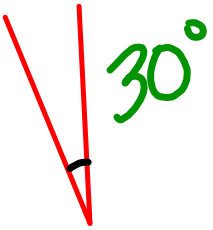


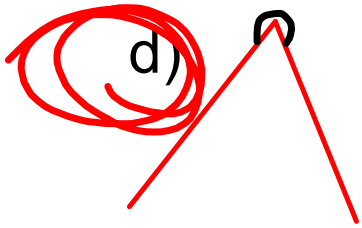
e) Straight

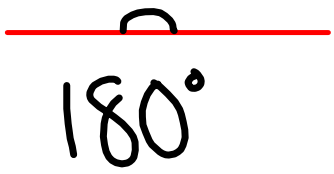
Now, can you *estimate* the measurement?

a) 

b) 

c) 

d) 

e) 

Name these angles based on the measurement??

a) 110° → Obtuse

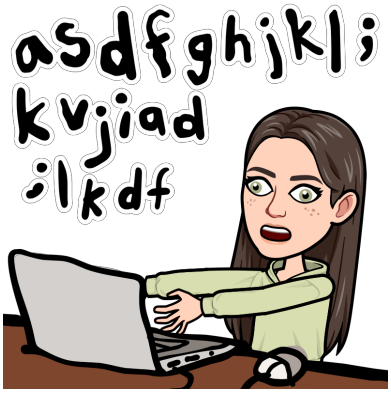
b) 12° → Acute

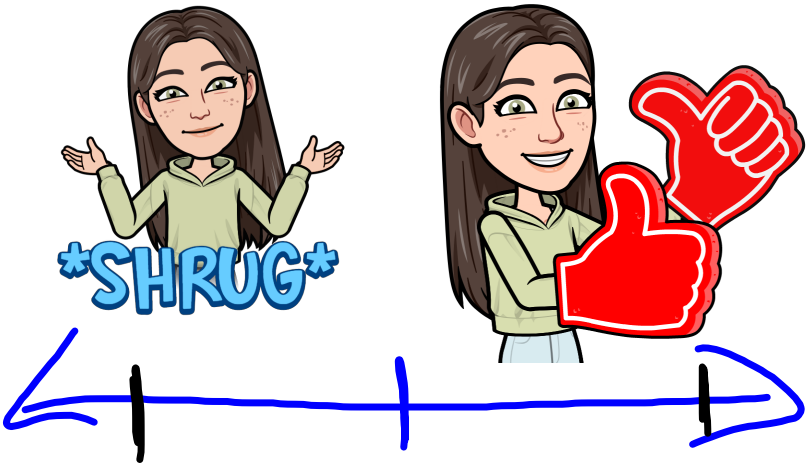
c) 37° → Acute

d) 321° → Reflex

e) 90° → Right

How are we feeling about what we learned this week????





Attachments

notebook(6032d9c8f1).galleryitem