1-13-14

5th Geo

$$\frac{5}{4} = \frac{14}{P}$$

$$\frac{5P}{5} = \frac{56}{5}$$

$$P = 11\frac{1}{5}$$
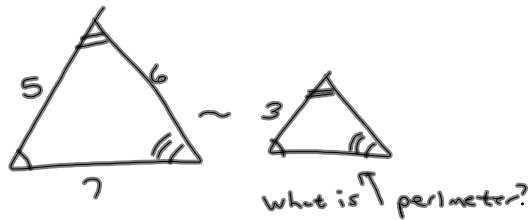
what is ↑ perimeter?

$$\frac{3}{5} = \frac{P}{18} (5+6+7) \qquad \frac{5}{3} = \frac{18}{P}$$

$$\frac{5P}{5} = \frac{54}{5} \qquad\qquad 5P =$$

$$P = 10\frac{4}{5}$$

If △ABC ~ △XYZ
with AB = 2   BC = 5
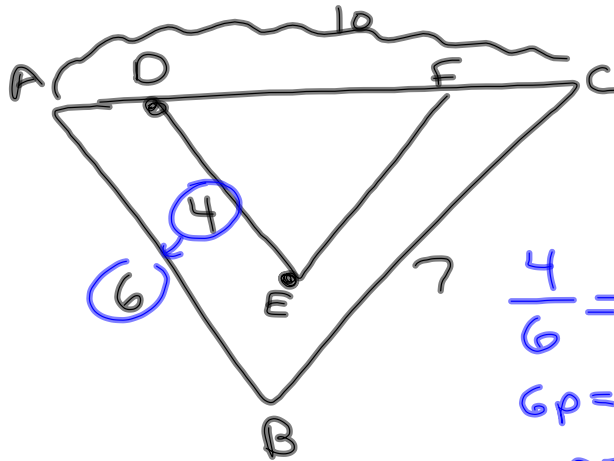AC = 9, and XY = 8, what
is the perimeter of △XYZ?

$$\frac{2}{8} = \frac{16}{P}$$

$$2P = 128$$

$$P = 64$$

1
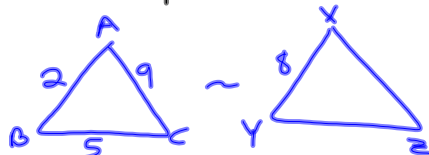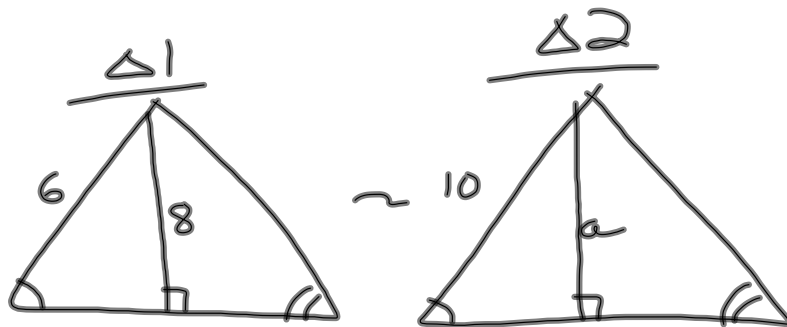
In figure below

$\triangle ABC \sim \triangle DEF.$

$\dfrac{4}{6} = \dfrac{P}{23}$

$6p = 92$

$p = 15\frac{1}{3}$

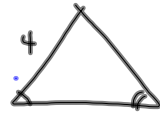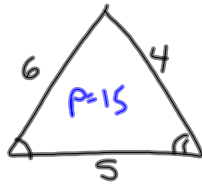If AB = 6, BC = 7, AC = 10, and DE = 4, what is perimeter of △DEF?

what is the altitude of △ 2.

$\dfrac{6}{10} = \dfrac{8}{a}$

$\dfrac{6a}{6} = \dfrac{80}{6}$
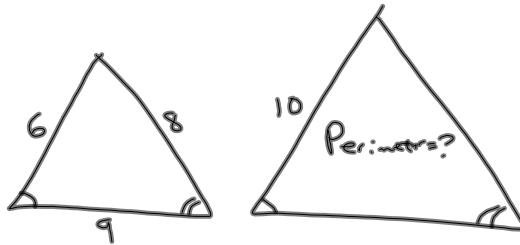
$a = 13\frac{1}{3}$

1-13-14

6th Geo

$p=15$ 6   4

5

4

↑

Find his perimeter

$$\frac{6}{4} = \frac{15}{p}$$

$6p = 60$
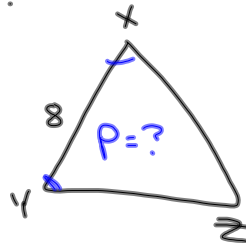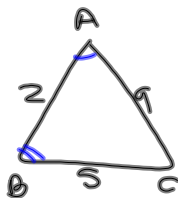
$p = 10$

6   8

9

10   Perimeter=?

$$\frac{6}{10} = \frac{23}{p} \qquad \frac{3}{5} = \frac{23}{p}$$

$$\frac{6p}{6} = \frac{230}{6}$$

$p = 38\frac{1}{3}$

If $\triangle ABC \sim \triangle XYZ$ with
$AB = 2$, $BC = 5$, $AC = 9$, and
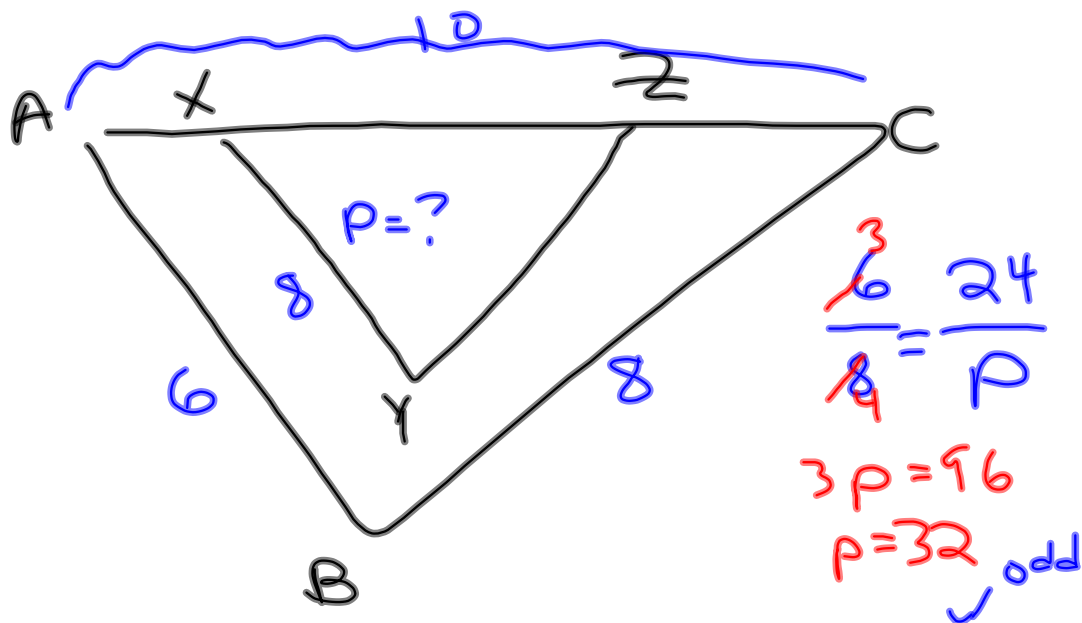$XY = 8$, what is the perimeter
of $\triangle XYZ$?

A
2   9
B   5   C

X
8   p=?
Y   Z

$$\frac{2}{8} = \frac{16}{p}$$

$2p = 128$

$p = 64$

Below $\triangle ABC \sim \triangle XYZ$

A X 10 Z C

P=?

8

6 Y 8

B

$$\frac{\overset{3}{6}}{\underset{4}{8}} = \frac{24}{P}$$

$3P = 96$

$P = 32$ ✓ odd

AB = 6, BC = 8, AC = 10. If XY = 8, what is the perimeter of $\triangle XYZ$?