

Answer on Question #78405 – Math – Geometry

Question

Find the measure of angle.

$$\text{measure of angle 7} = 2x + 15$$

$$\text{measure of angle 8} = 3x$$

Solution

It is necessary to know a relationship between angles 7, 8.

$$\text{measure of angle 7} = 2x + 15$$

$$x = \frac{7 - 15}{2} = -4$$

$$\text{measure of angle 8} = 3x$$

$$x = \frac{8}{3}$$