Questions on Lesson 4.6?
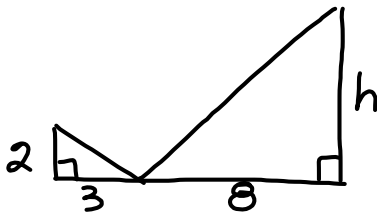
We'll be taking our first content

mastery quiz of 2nd quarter in a

few minutes.

$$\frac{2}{3} = \frac{h}{8}$$

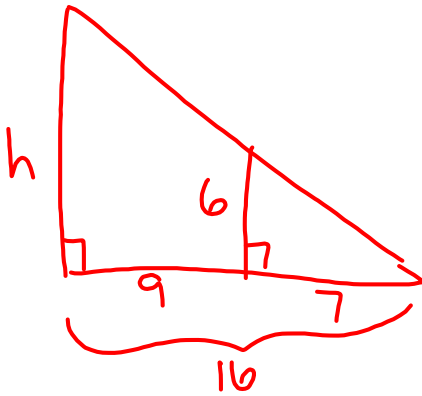$$\frac{2}{h} \times \frac{3}{8}$$

$$3h = 8 \cdot 2$$
$$\frac{3h}{3} = \frac{16}{3}$$
$$h = 5.3\overline{3}$$

$$\frac{3}{2} = \frac{8}{h}$$
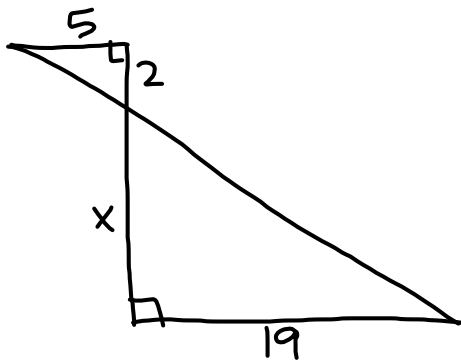
$$\frac{h}{2} = \frac{8}{3}$$

$$\frac{6}{7} = \frac{h}{16}$$

$$\frac{6}{h} \times \frac{7}{16}$$
$$6 \cdot 16 = 7h$$
$$\frac{96}{7} = \frac{7h}{7}$$
$$\boxed{13.71 = h}$$

$$\frac{5}{2} \times \frac{19}{x}$$

$$\frac{5x}{5} = \frac{38}{5}$$
$$\boxed{x = 7.6}$$

$$\frac{5}{19} = \frac{2}{x}$$

Feb 27-8:47 AM
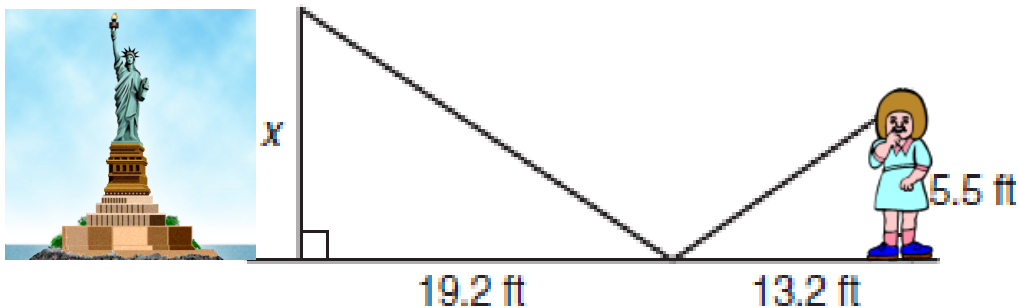
Content Mastery Quiz - Lesson 4.6

Show ALL work to receive full credit

Keisha is visiting a museum. She wants to know the height of one of the sculptures. She places a small mirror on the ground between herself and the sculpture, then she backs up until she can see the top of the sculpture in the mirror.

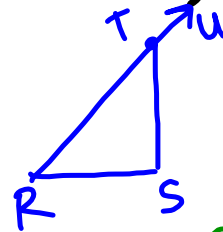### What is the height of the sculpture?

Homework/Classwork
Chapter 3 & 4 Review
-due next class (Friday 11/6)

① $c = 14\sqrt{2} \approx 19.8$

② $b = 5\sqrt{3}$
$c = 5 \cdot 2 = 10$

⑩

Interior: $\angle R, \angle S, \angle RTS$

Exterior: $\angle STU$

Remote Interior: $\angle R$ & $\angle S$