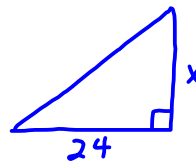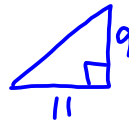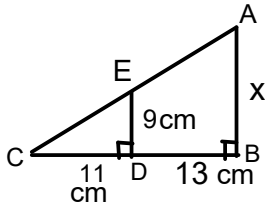## Warm Up

a) Are the triangles similar?

$\angle CDE = \angle CBA$ given
$\angle C = \angle C$ shared
$\angle CED = \angle CAB$ SATT
$\therefore \triangle CDE \sim \triangle CBA$ by AAA
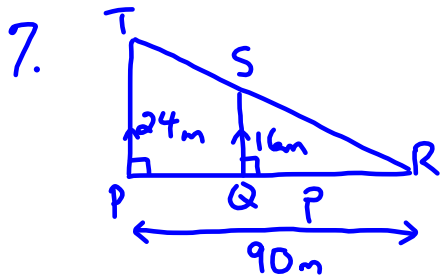
b) Find the value of x.

$$\frac{x}{9} = \frac{24}{11}$$

$$x = \frac{24(9)}{11}$$

$$\doteq 19.6 \text{ cm}$$

Nov 5-8:25 AM

Questions from homework?

7.

90m

a) $\angle TPQ = \angle SQR$ given
$\angle R = \angle R$ shared
$\angle PTR = \angle QSR$ SATT
$\therefore \triangle PTR \sim \triangle QSR$ by AAA

b) $\frac{P}{90} = \frac{16}{24}$

$$P = \frac{16(90)}{24}$$

$$= 60 \text{ m}$$

Nov 5-8:44 AM

1