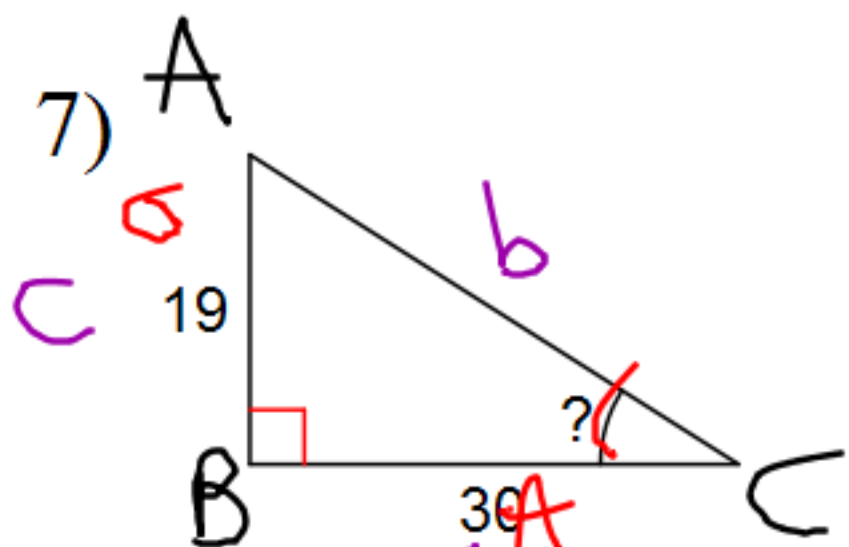


Solve the triangle. Communicate your solution carefully. Side: nearest tenth.
Angle: nearest degree.



$$\angle A = 58^\circ$$

$$\angle B = 90$$

$$\angle C = 32^\circ$$

$$a = 30$$

$$b = 35.5$$

$$c = 19$$

$$a^2 + b^2 = c^2$$

$$30^2 + 19^2 = b^2$$

$$900 + 361 = b^2$$

$$\sqrt{1261} = b$$

$$35.5 = b$$

hypotenuse

$$\tan C = \frac{a}{b}$$

$$\tan C = \frac{19}{30}$$

$$\tan C = 0.6333$$

$$\angle C = 32^\circ$$

$$\angle B = 180 - 90 - 32 = 58^\circ$$

⑧ Angles:
 $23^\circ, 90^\circ, 67^\circ$

Sides:
14.8, 38, 35

⑨ Angles:
 $90^\circ, 74^\circ, 16^\circ$

Sides:
25, 24, 7