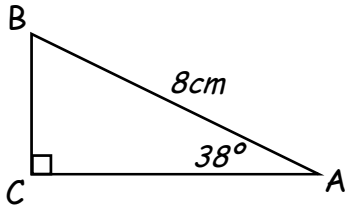


Trig. Ratios Activity

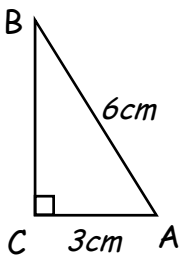
Name _____ Per _____

Cut out the 15 boxes and match the triangle with the description and the trig ratio.
Once you have all 3 parts to each problem, list the 6 trig ratios for $\angle A$.



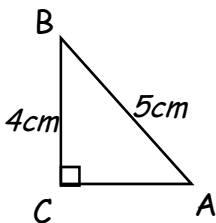
$$\angle B = 50^\circ, a = 7\text{cm}$$

$$\cot B = \frac{4}{3}$$



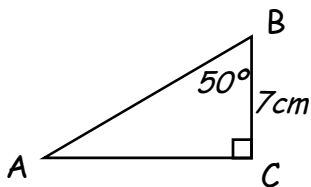
$$a = 6\text{cm}, b = 9\text{cm}$$

$$\tan A \approx .839$$



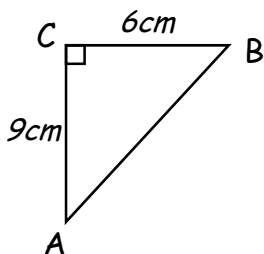
$$b = 3\text{cm}, c = 6\text{cm}$$

$$\cos B \approx .55$$



$$\angle A = 38^\circ, \text{Hyp} = 8\text{cm}$$

$$\csc A \approx \frac{2\sqrt{3}}{3}$$



$$a = 4\text{cm}, c = 5\text{cm}$$

$$\sec A \approx 1.27$$