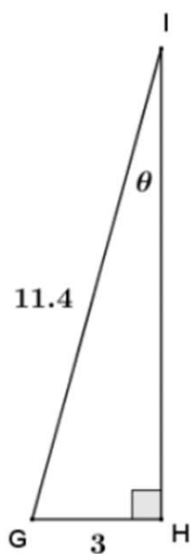
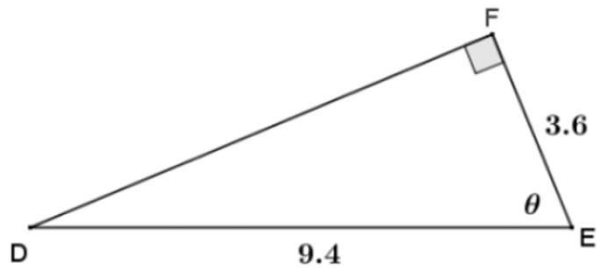
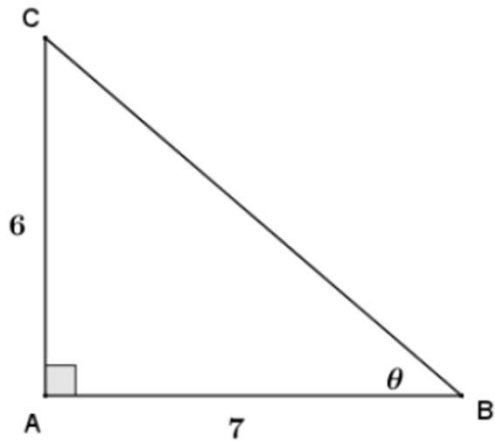


Trigonometry Worksheets

Find the missing angle

For each triangle shown, use the given information to find the indicated angle to the nearest degree.

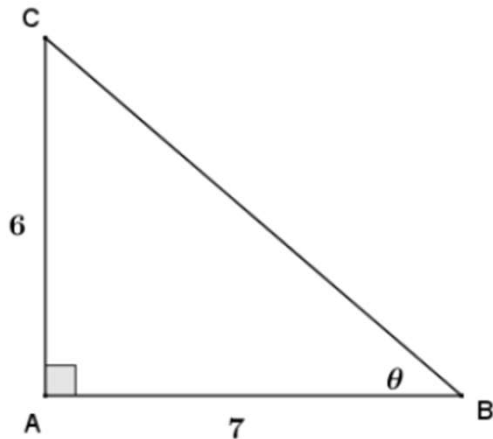


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Trigonometry Worksheets

Find the missing angle

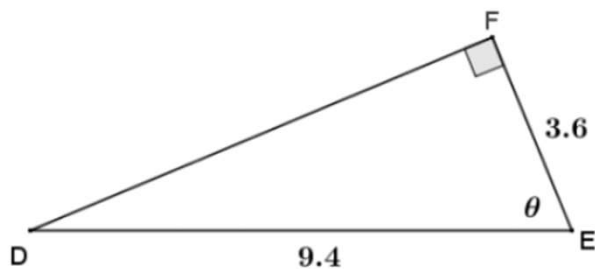
For each triangle shown, use the given information to find the indicated angle to the nearest degree.



$$\tan \theta = \frac{6}{7}$$

$$\arctan\left(\frac{6}{7}\right) = \theta$$

$$\theta \approx 41^\circ$$



$$\cos \theta = \frac{3.6}{9.4}$$

$$\arccos\left(\frac{3.6}{9.4}\right) = \theta$$

$$\theta \approx 67^\circ$$



$$\sin \theta = \frac{3}{11.4}$$

$$\arcsin\left(\frac{3}{11.4}\right) = \theta$$

$$\theta \approx 15^\circ$$

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