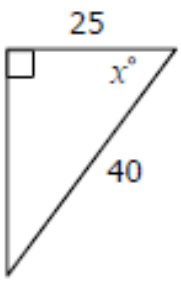
Name: _____ Geometry

Trigonometry: Inverses 8.3B

Directions: Solve for x. Round to the nearest tenth.

1.



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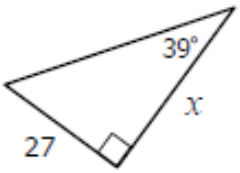

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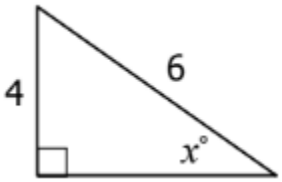
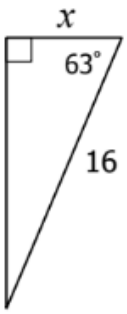


4.



5. Max built a skateboarding ramp that is 16 inches high. The angle formed by the ramp and the ground is 21°. What is the length of the ramp? **(DRAW A DIAGRAM)**

6. A fireman leaned a 36 foot ladder against a building. If he placed the ladder 7 feet from the base of the building, what angle is formed between the ladder and the ground? **(DRAW A DIAGRAM)**