Independent Practice: **SOLVING RIGHT TRIANGLES**
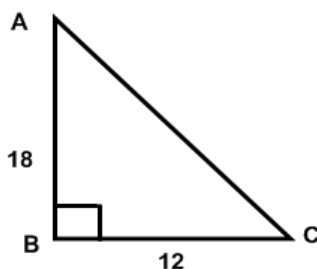
NAME: _____   DATE: _____   PERIOD: _____
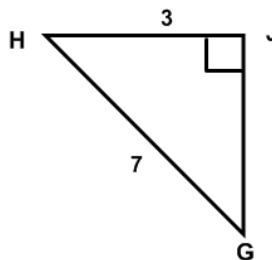
Solve for the indicated measurement. When necessary round answers to the nearest tenth.

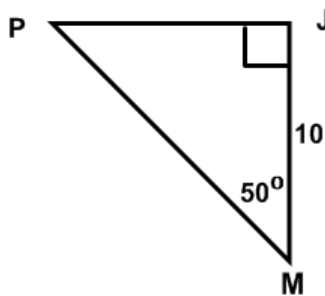1. m$\angle$A$\approx$ _____

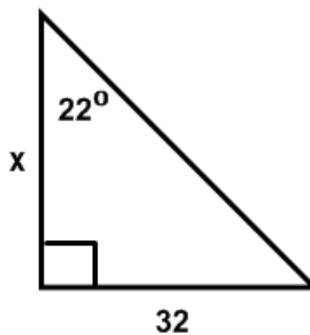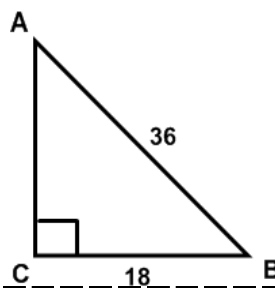2. m$\angle$H$\approx$ _____

3. $\overline{MP}\approx$ _____

4. x$\approx$ _____

5. m∠A≈_____

A

36

C   18   B

6. AS≈_____

S

14

60°

A   H
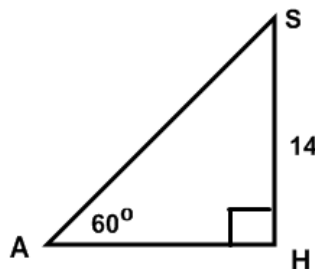
Solve the following triangle. Round answers to the nearest tenth.

A

7. m∠C≈ _____

20⁰

AC ≈   _____

AB ≈   _____

B

C

40
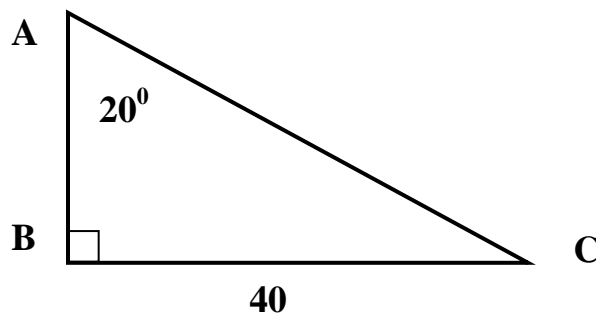
8. A ship is 30 ft away from a 100 ft lighthouse. What is the angle of elevation from the ship to the top of the lighthouse?

X

x = _____