Name : _____

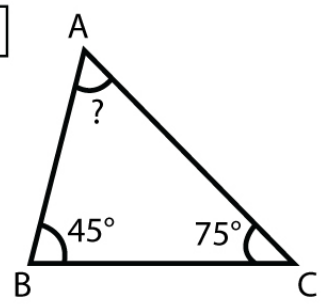
Score : _____ Date : _____

MATH MONKS

The Triangle Sum Theorem Worksheet

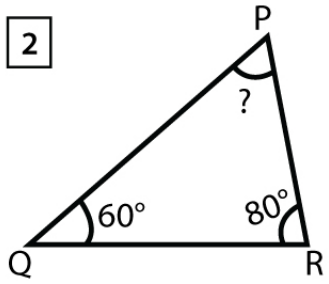
Using the Triangle Sum Theorem, Find the measure of the unknown angle.

1



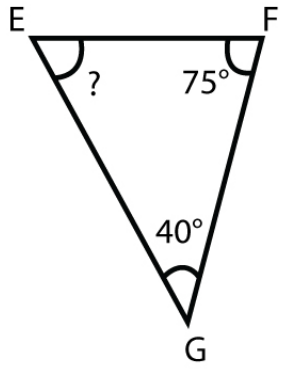
∠BAC = _____

2



QPR = _____

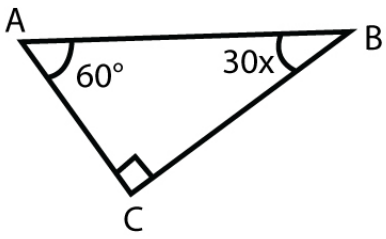
3



GEF = _____

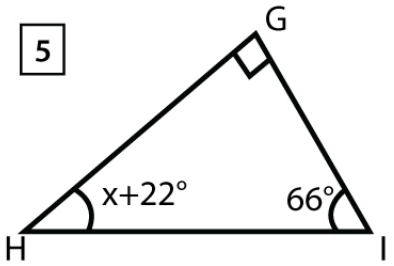
Solve for 'x', using the Triangle Sum Theorem

4



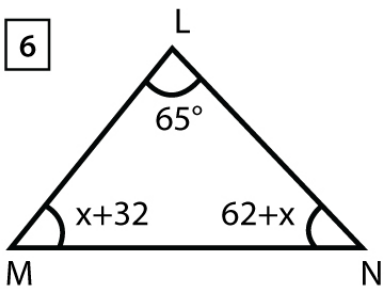
x = _____

5



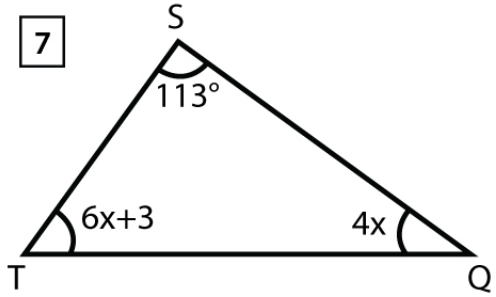
x = _____

6



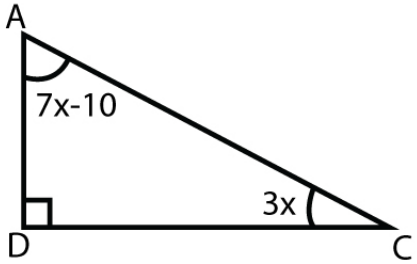
x = _____

7



x = _____

8



x = _____

Name : _____

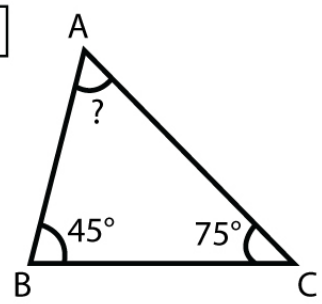
Score : _____ Date : _____

MATH MONKS

The Triangle Sum Theorem Worksheet

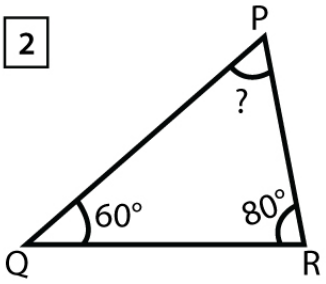
Answers

1



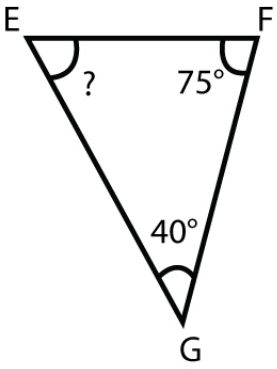
∠BAC = 60°

2



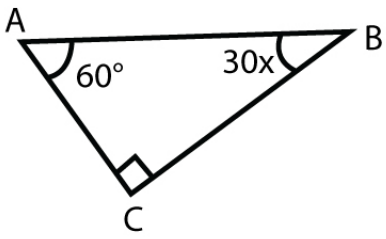
QPR = 40°

3



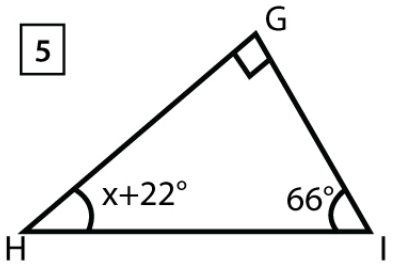
GEF = 65°

4



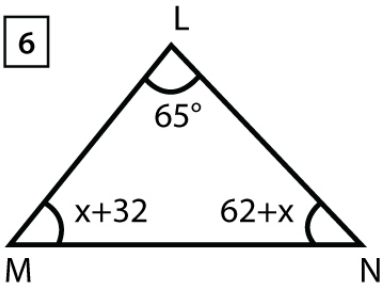
x = 1

5



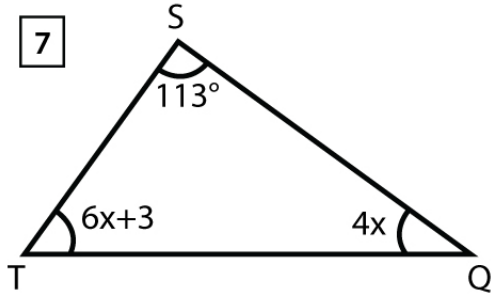
x = 2

6



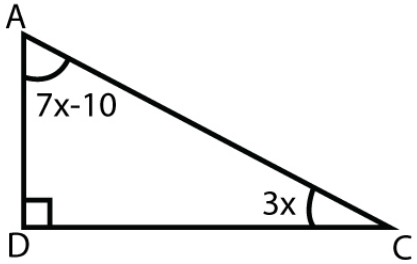
x = 10.5

7



x = 6.4

8



x = 10