math Antics Worksheets

Name:

Date:

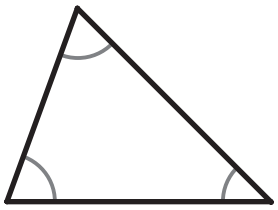
Classifying Triangles (by Angles)

TRI 1

Instructions: For each triangle, mark the box that matches its type when classifying by angles.

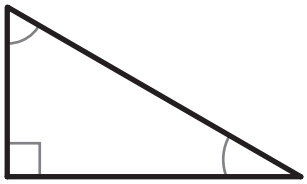
1

- [x] Acute
- [ ] Right
- [ ] Obtuse



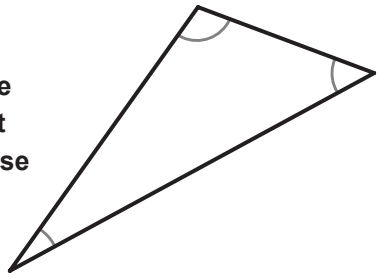
2

- [ ] Acute
- [ ] Right
- [ ] Obtuse



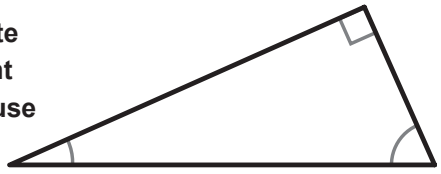
3

- [ ] Acute
- [ ] Right
- [ ] Obtuse



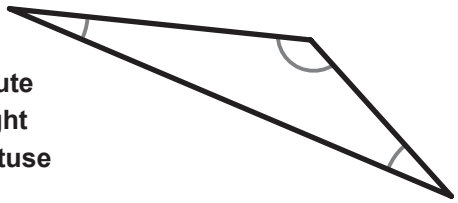
4

- [ ] Acute
- [ ] Right
- [ ] Obtuse



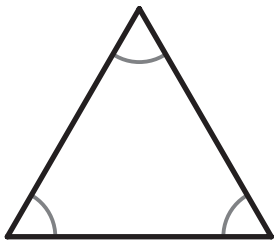
5

- [ ] Acute
- [ ] Right
- [ ] Obtuse



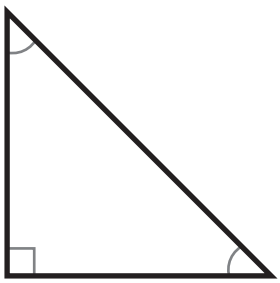
6

- [ ] Acute
- [ ] Right
- [ ] Obtuse



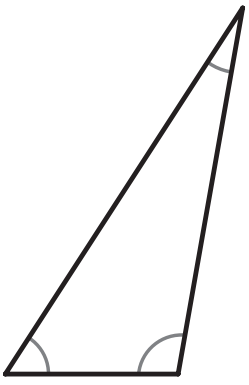
7

- [ ] Acute
- [ ] Right
- [ ] Obtuse



8

- [ ] Acute
- [ ] Right
- [ ] Obtuse



math Antics Worksheets

Name:

Date:

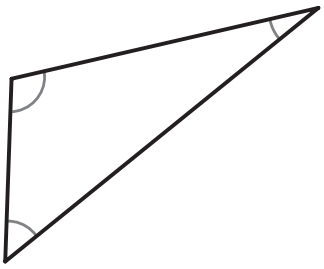
Classifying Triangles (by Sides)

TRI 2

Instructions: For each triangle, mark the box that matches its type when classifying by sides. The marks on the sides of the triangles show when two sides are "congruent" or the same length.

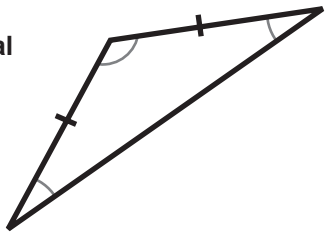
1

- [ ] Equilateral
- [ ] Isosceles
- [x] Scalene



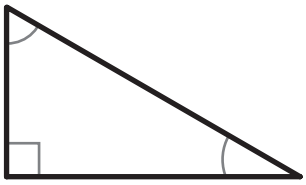
2

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



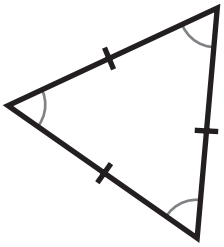
3

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



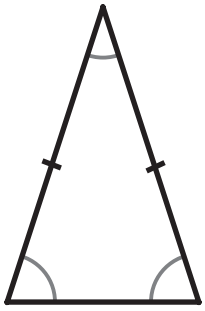
4

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



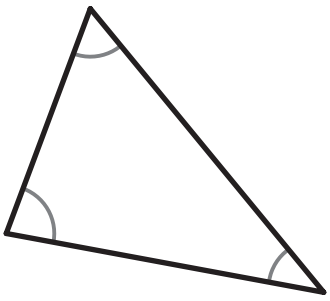
5

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



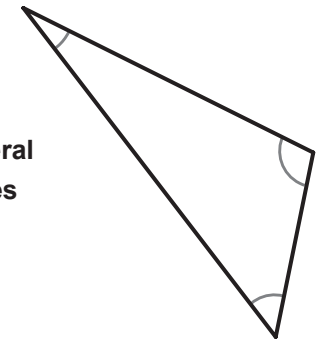
6

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



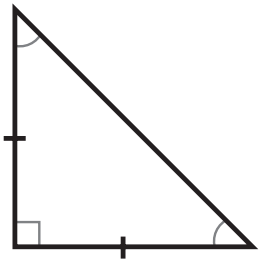
7

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



8

- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene



math Antics Worksheets

Name: _____

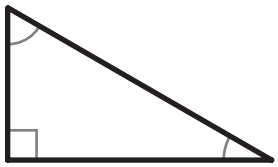
Date: _____

Classifying Triangles (by both Angle and Sides)

TRI 3

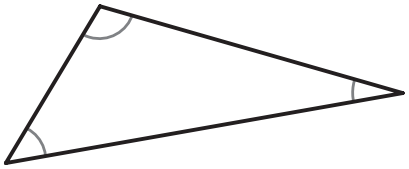
Instructions: For each triangle, mark the box from each catagory that matches its type. The marks on the sides of the triangles show when two sides are "congruent" or the same length.

1



- [ ] Acute
- [x] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [x] Scalene

2

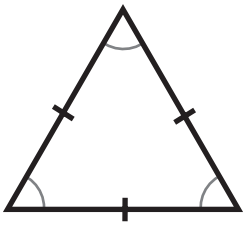


- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

3

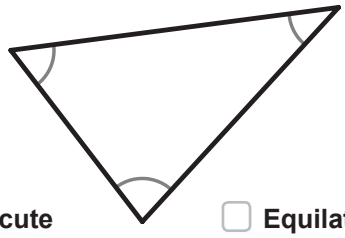
- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

4



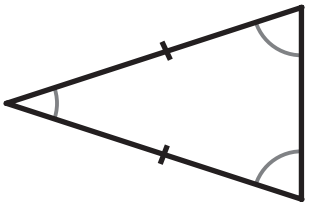
- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

5



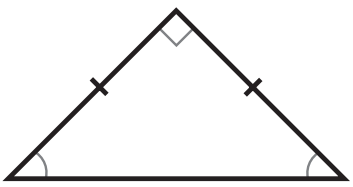
- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

6



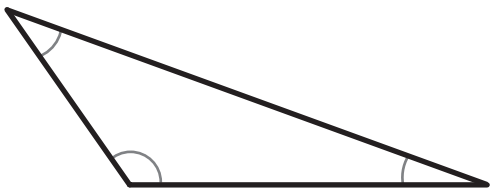
- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

7



- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

8



- [ ] Acute
- [ ] Right
- [ ] Obtuse
- [ ] Equilateral
- [ ] Isosceles
- [ ] Scalene

math Antics Worksheets

Name: _____

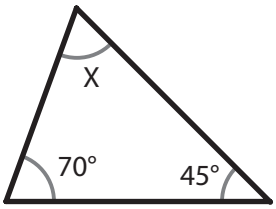
Date: _____

Finding an Unknown Angle

TRI 4

Instructions: For each triangle, find the unknown angle (X). Remember that for each triangle, the three interior angles must add up to 180 degrees.

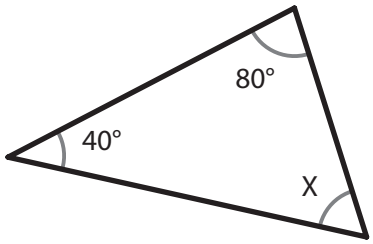
1



m∠X = 65°

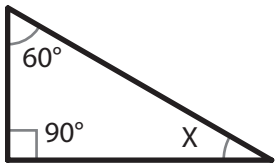
$$\begin{array}{r} 70 \\ +\ 45 \\ \hline 115 \end{array} \qquad \begin{array}{r} {}^{7}\cancel{1}{}^{1}\cancel{8}0 \\ -\ 115 \\ \hline 65 \end{array}$$

2



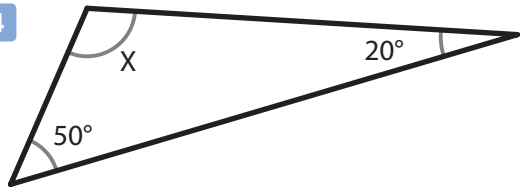
m∠X = _____

3



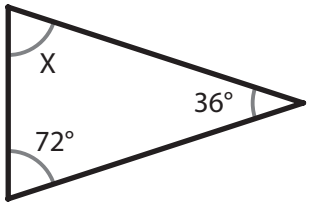
m∠X = _____

4



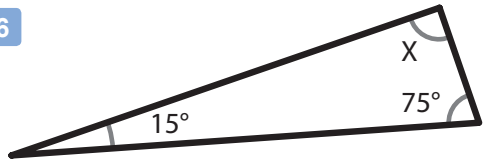
m∠X = _____

5



m∠X = _____

6



m∠X = _____

math Antics Worksheets

Name: _____

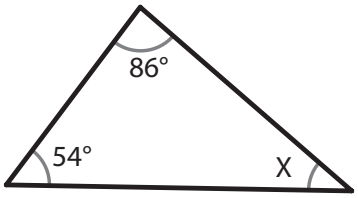
Date: _____

Finding an Unknown Angle - Set 2

TRI 5

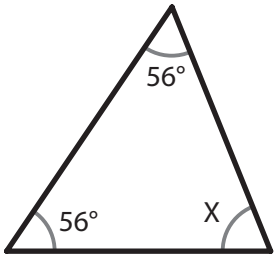
Instructions: For each triangle, find the unknown angle (X). Remember that for each triangle, the three interior angles must add up to 180 degrees.

1



m∠X = _____

2

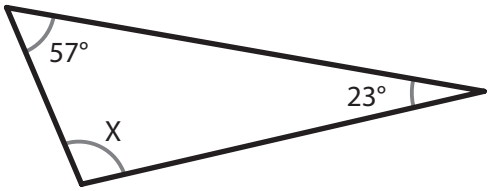


m∠X = _____

3

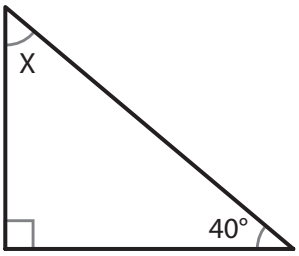
m∠X = _____

4



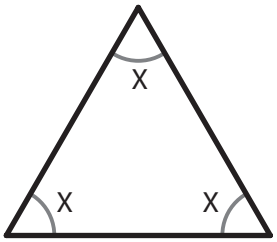
m∠X = _____

5



m∠X = _____

6 **An equilateral triangle always has three equal angles. What is their measure?**



m∠X = _____