

Classify triangles by side lengths

NAME	DATE	SCORE / 10
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1 A triangle has sides of 5 cm, 5 cm and 5 cm. What is the best name for the triangle?

- ☐ Equilateral
 ☐ Isosceles
 ☐ Scalene

2 Each answer below gives the three side lengths of a triangle. Which side lengths make an isosceles triangle?

- ☐ 8 centimetres, 10 centimetres and 9 centimetres
☐ 9 centimetres, 10 centimetres and 15 centimetres
☐ 18 centimetres, 11 centimetres and 11 centimetres
☐ 11 centimetres, 14 centimetres and 8 centimetres

3 A triangle has sides of 13 metres, 11 metres and 3 metres. What is the best name for the triangle?

- ☐ Equilateral
 ☐ Isosceles
 ☐ Scalene

4 Each answer below gives the three side lengths of a triangle. Which side lengths make an equilateral triangle?

- ☐ 11 cm, 6 cm and 11 cm
 ☐ 6 cm, 5 cm and 4 cm
 ☐ 6 cm, 6 cm and 6 cm
☐ 6 cm, 12 cm and 12 cm

5 A triangle has sides of 12 cm, 12 cm and 8 cm. What is the best name for the triangle?

- ☐ Equilateral
 ☐ Isosceles
 ☐ Scalene

6 Each answer below gives the three side lengths of a triangle. Which side lengths make a scalene triangle?

- ☐ 5 metres, 7 metres and 5 metres
 ☐ 4 metres, 4 metres and 4 metres
☐ 6 metres, 6 metres and 5 metres
 ☐ 12 metres, 11 metres and 14 metres

7 A triangle has sides of 5 centimetres, 6 centimetres and 5 centimetres. What is the best name for the triangle?

- ☐ Equilateral ☐ Isosceles ☐ Scalene
-

8 Each answer below gives the three side lengths of a triangle. Which side lengths make an isosceles triangle?

- ☐ 6 cm, 3 cm and 4 cm ☐ 11 cm, 3 cm and 11 cm ☐ 14 cm, 12 cm and 7 cm
☐ 12 cm, 13 cm and 4 cm
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9 A triangle has sides of 9 cm, 10 cm and 12 cm. What is the best name for the triangle?

- ☐ Equilateral ☐ Isosceles ☐ Scalene
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10 Each answer below gives the three side lengths of a triangle. Which side lengths make an isosceles triangle?

- ☐ 8 centimetres, 7 centimetres and 13 centimetres
☐ 10 centimetres, 15 centimetres and 7 centimetres
☐ 5 centimetres, 5 centimetres and 6 centimetres
☐ 8 centimetres, 7 centimetres and 11 centimetres

Classify triangles by side lengths

1 **Equilateral**

2 **18 centimetres, 11 centimetres and 11 centimetres**

3 **Scalene**

4 **6 cm, 6 cm and 6 cm**

5 **Isosceles**

6 **12 metres, 11 metres and 14 metres**

7 **Isosceles**

8 **11 cm, 3 cm and 11 cm**

9 **Scalene**

10 **5 centimetres, 5 centimetres and 6 centimetres**