

Classify triangles by angle type

NAME	DATE	SCORE
		/ 10

1

A triangle has angles of 14° , 23° and 143° . Is the triangle acute, right or obtuse?

☐ Acute
 ☐ Right
 ☐ Obtuse

2

A triangle is drawn on the grid below. Is the triangle acute, right or obtuse?

☐ Acute
 ☐ Right
 ☐ Obtuse

3

“A triangle with two acute angles is a right triangle.” Is this always, sometimes or never true?

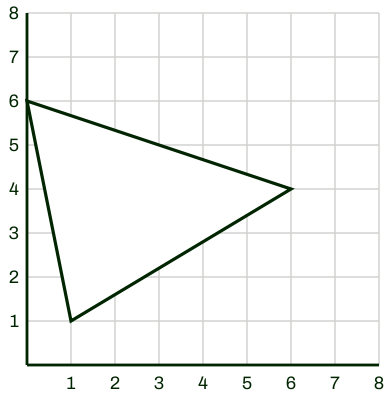
☐ Always true
 ☐ Sometimes true
 ☐ Never true

4

A triangle has angles of 61° , 29° and 90° . Is the triangle acute, right or obtuse?

☐ Acute
 ☐ Right
 ☐ Obtuse

- 5 A triangle is drawn on the grid below. Is the triangle acute, right or obtuse?



☐ Acute ☐ Right ☐ Obtuse

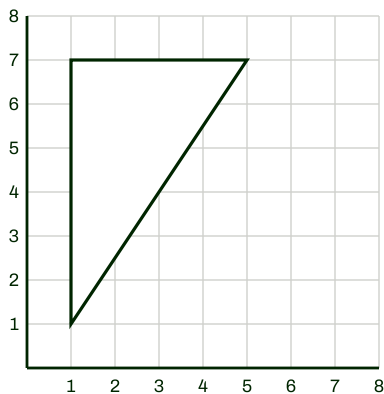
- 6 “A triangle has at least two acute angles.” Is this always, sometimes or never true?

☐ Always true ☐ Sometimes true ☐ Never true

- 7 A triangle has angles of 88° , 13° and 79° . Is the triangle acute, right or obtuse?

☐ Acute ☐ Right ☐ Obtuse

- 8 A triangle is drawn on the grid below. Is the triangle acute, right or obtuse?



☐ Acute ☐ Right ☐ Obtuse

- 9 A triangle has angles of 13° , 34° and 133° . Is the triangle acute, right or obtuse?

☐ Acute ☐ Right ☐ Obtuse

- 10** A triangle has angles of 22° , 34° and 124° . Is the triangle acute, right or obtuse?
- ☐ Acute ☐ Right ☐ Obtuse

Classify triangles by angle type

1 Obtuse

3 Sometimes true

5 Acute

7 Acute

9 Obtuse

2 Obtuse

4 Right

6 Always true

8 Right

10 Obtuse