



**THIRD SPACE  
LEARNING**

# Triangles Check for Understanding

A 15 question retrieval quiz for students in grades 4 and 5.

**Grades 4 and 5**

## Questions

Name: .....

Class: .....

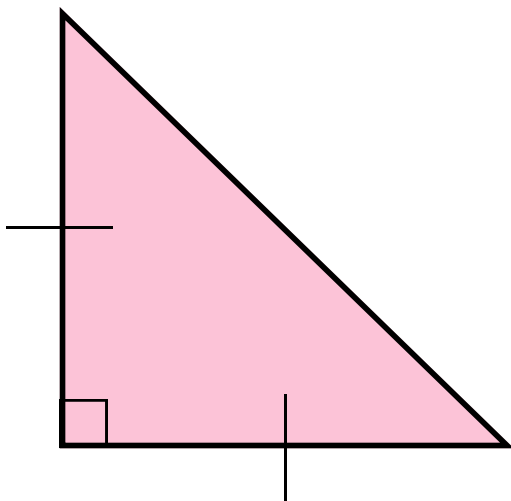
Date: .....

Score: .....

- 1 A triangle has angle measures of  $35^\circ$ ,  $45^\circ$  and  $100^\circ$ . Classify the triangle by its angles.

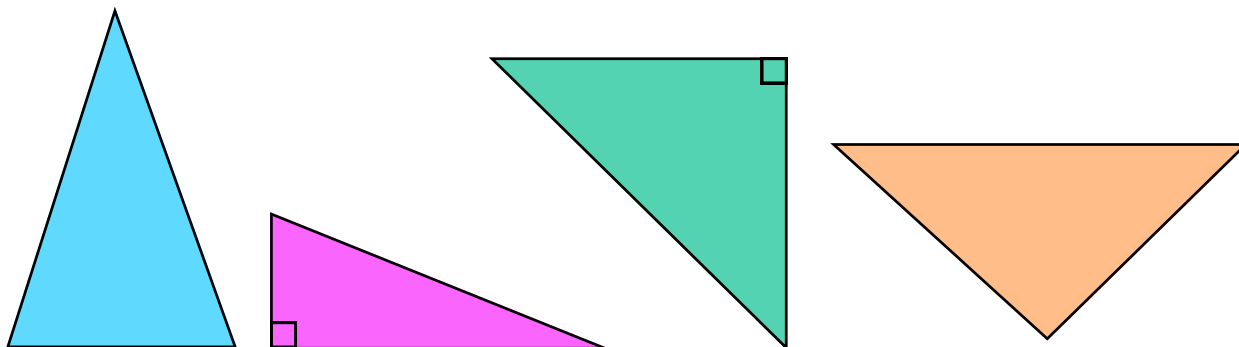
Answer

- 2 Classify the triangle by its sides and angles

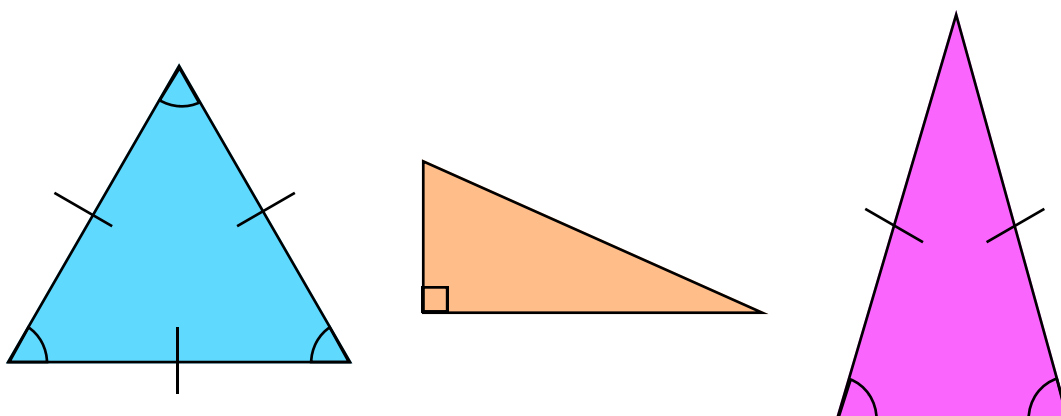


Answer

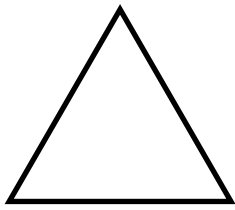
3 Circle the triangles that have perpendicular sides.



4 Circle the triangle that is equilateral.

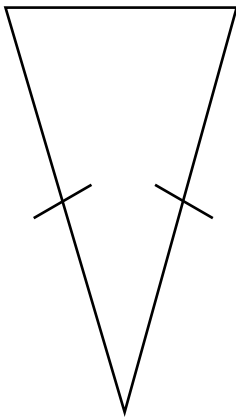


- 5 How many lines of symmetry does the equilateral triangle have?



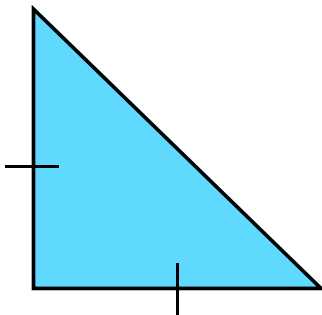
Answer

- 6 Classify the triangle by its sides and angles.



Answer

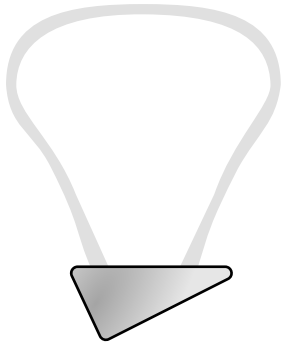
- 7 How many lines of symmetry does the triangle have?



Answer

## Check for Understanding | 4th and 5th Grade | Triangles

- 8 What is the best triangle classification for the charm on the necklace?



Answer

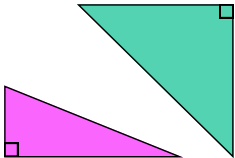
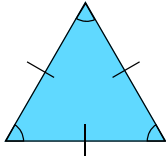
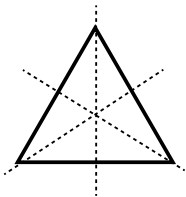
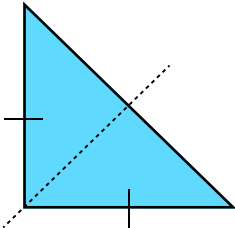
- 9 How many lines of symmetry does a scalene triangle have?

Answer

- 10 If a triangle has angle measurements of  $30^\circ$ ,  $65^\circ$ ,  $85^\circ$ , is it classified as an acute triangle or obtuse triangle?

Answer

## Answers

Question number	Question	Answers	Standard
1	A triangle has angle measures of $35^\circ$ , $45^\circ$ and $100^\circ$ . Classify the triangle by its angles.	Obtuse triangle	4.G.A.2
2	Classify the triangle by its sides and angles.	Right isosceles triangle or isosceles right triangle	4.G.A.2 5.G.B.3
3	Circle the triangles that have perpendicular sides.		4.G.A.1
4	Circle the triangle that is equilateral.		4.G.A.2
5	How many lines of symmetry does the equilateral triangle have?	3 lines of symmetry 	4.G.A.3
6	Classify the triangle by its sides and angles.	Isosceles acute triangle or acute isosceles triangle	5.G.B.3
7	How many lines of symmetry does the triangle have?	1 line of symmetry 	4.G.A.3

## Answers




Question number	Question	Answers	Standard
8	What is the best triangle classification for the charm on the necklace?	Possible answers: Scalene triangle Right triangle OR Scalene right triangle	5.G.B.3
9	How many lines of symmetry does a scalene triangle have?	0 lines of symmetry OR No lines of symmetry	4.G.A.3
10	If a triangle has angle measurements of $30^\circ$ , $65^\circ$ , $85^\circ$ , is it classified as an acute triangle or obtuse triangle?	Acute triangle	5.G.B.3

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