Task card 1 Unique Triangles: One, Many or No...

Side lengths 10 cm, 6 cm, 6 cm. One triangle, many, or none?

Task card 2 Unique Triangles: One, Many or No...

Angles 15°, 70° and 95°. One triangle, many, or none?

Task card 3 Unique Triangles: One, Many or No...

Angles 30°, 30° and 130°. One triangle, many, or none?

Task card 4 Unique Triangles: One, Many or No...

Side lengths 2 cm, 4 cm, 10 cm. One triangle, many, or none?

Task card 5 Unique Triangles: One, Many or No...

Side lengths 7 cm, 4 cm, 15 cm. One triangle, many, or none?

Task card 6 Unique Triangles: One, Many or No...

Side lengths 16 cm, 8 cm, 4 cm. One triangle, many, or none?

Task card 7 Unique Triangles: One, Many or No...

Angles 60°, 60° and 60°. One triangle, many, or none?

Task card 8 Unique Triangles: One, Many or No...

Side lengths 16 cm, 7 cm, 6 cm. One triangle, many, or none?

Task card 9 Unique Triangles: One, Many or No...

Angles 20°, 55° and 110°. One triangle, many, or none?

Task card 10 Unique Triangles: One, Many or No...

Side lengths 8 cm, 4 cm, 6 cm. One triangle, many, or none?

Task card 11 Unique Triangles: One, Many or No...

Angles 50°, 45° and 80°. One triangle, many, or none?

Task card 12 Unique Triangles: One, Many or No...

Angles 45°, 20° and 105°. One triangle, many, or none?

Task card 13 Unique Triangles: One, Many or No...

Side lengths 9 cm, 8 cm, 5 cm. One triangle, many, or none?

Task card 14 Unique Triangles: One, Many or No...

Angles 50°, 30° and 110°. One triangle, many, or none?

Task card 15 Unique Triangles: One, Many or No...

Angles 30°, 15° and 140°. One triangle, many, or none?

Task card 16 Unique Triangles: One, Many or No...

Angles 50°, 35° and 95°. One triangle, many, or none?

Task card 17 Unique Triangles: One, Many or No...

Angles 50°, 20° and 110°. One triangle, many, or none?

Task card 18 Unique Triangles: One, Many or No...

Angles 35°, 75° and 65°. One triangle, many, or none?

Task card 19 Unique Triangles: One, Many or No...

Two sides of 10 cm and 7 cm with a 125° angle between them. One triangle, many, or none?

Task card 20 Unique Triangles: One, Many or No...

Angles 35°, 65° and 80°. One triangle, many, or none?

Task card 21 Unique Triangles: One, Many or No...

Angles of 20° and 45° with a 12 cm side between them. One triangle, many, or none?

Task card 22 Unique Triangles: One, Many or No...

Side lengths 9 cm, 7 cm, 18 cm. One triangle, many, or none?

Task card 23 Unique Triangles: One, Many or No...

Two sides of a triangle are 13 cm and 14 cm. The third side is a whole number of cm. What is the longest it can be?

Task card 24 Unique Triangles: One, Many or No...

Angles 15°, 75° and 80°. One triangle, many, or none?

Unique Triangles: One, Many or No Triangle Task Cards

Recording sheet · Grade 7 · Decide what the measurements make. Write one (exactly one triangle), many (more than one) or none (no triangle). Some questions ask for a length instead.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Unique Triangles: One, Many or No Triangle Task Cards: Answer Key

Grade 7 · Easy

The answers online

1. one	**2.** many	**3.** none
4. none	**5.** none	**6.** none
7. many	**8.** none	**9.** none
10. one	**11.** none	**12.** none
13. one	**14.** none	**15.** none
16. many	**17.** many	**18.** none
19. one	**20.** many	**21.** one
22. none	**23.** 26	**24.** none