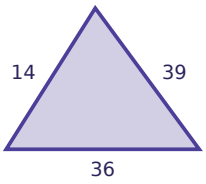
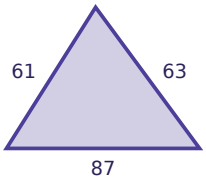
Task card 1 Converse of the Pythagorean Theore...

A triangle has side lengths 36, 39, 14. Is it a right triangle?



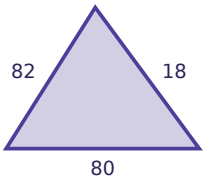
Task card 2 Converse of the Pythagorean Theore...

A triangle has sides 87 cm, 63 cm and 61 cm. Is it a right triangle?



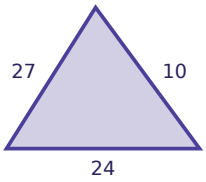
Task card 3 Converse of the Pythagorean Theore...

A triangle has side lengths 80, 18, 82. Is it a right triangle?



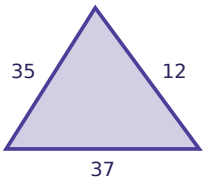
Task card 4 Converse of the Pythagorean Theore...

A triangle has side lengths 24, 10, 27. Is it a right triangle?



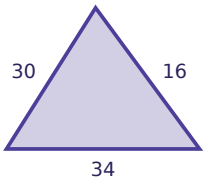
Task card 5 Converse of the Pythagorean Theore...

A triangle has side lengths 37, 12, 35. Is it a right triangle?



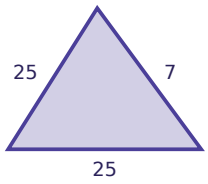
Task card 6 Converse of the Pythagorean Theore...

A triangle has side lengths 34, 16, 30. Is it a right triangle?



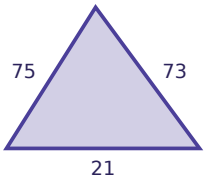
Task card 7 Converse of the Pythagorean Theore...

A triangle has sides 25 cm, 7 cm and 25 cm. Is it a right triangle?



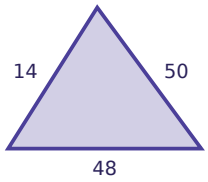
Task card 8 Converse of the Pythagorean Theore...

A triangle has sides 21 cm, 73 cm and 75 cm. Is it a right triangle?



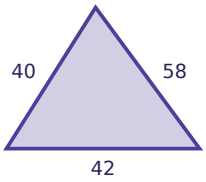
Task card 9 Converse of the Pythagorean Theore...

A triangle has side lengths 48, 50, 14. Is it a right triangle?



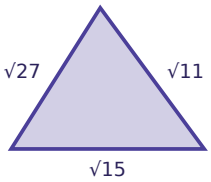
Task card 10 Converse of the Pythagorean Theore...

A triangle has side lengths 42, 58, 40. Is it a right triangle?



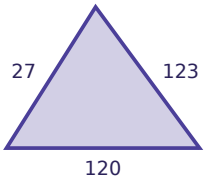
Task card 11 Converse of the Pythagorean Theore...

A triangle has side lengths √15, √11, √27. Is it a right triangle?



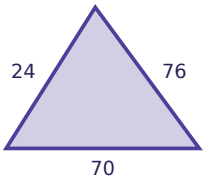
Task card 12 Converse of the Pythagorean Theore...

A triangle has sides 120 cm, 123 cm and 27 cm. Is it a right triangle?



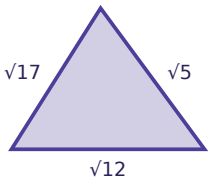
Task card 13 Converse of the Pythagorean Theore...

A triangle has sides 70 cm, 76 cm and 24 cm. Is it a right triangle?



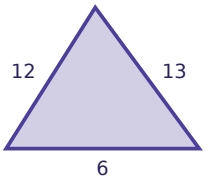
Task card 14 Converse of the Pythagorean Theore...

A triangle has side lengths √12, √5, √17. Is it a right triangle?



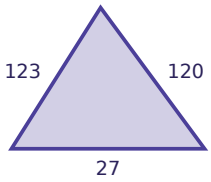
Task card 15 Converse of the Pythagorean Theore...

A triangle has side lengths 6, 13, 12. Is it a right triangle?



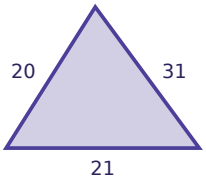
Task card 16 Converse of the Pythagorean Theore...

A triangle has sides 27 cm, 120 cm and 123 cm. Is it a right triangle?



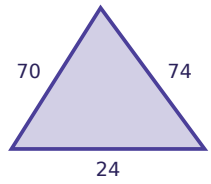
Task card 17 Converse of the Pythagorean Theore...

A triangle has sides 21 cm, 31 cm and 20 cm. Is it a right triangle?



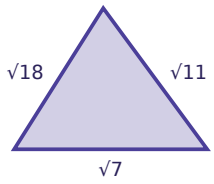
Task card 18 Converse of the Pythagorean Theore...

A triangle has side lengths 24, 74, 70. Is it a right triangle?



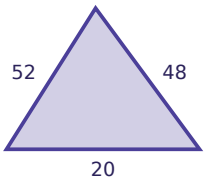
Task card 19 Converse of the Pythagorean Theore...

A triangle has side lengths √7, √11, √18. Is it a right triangle?



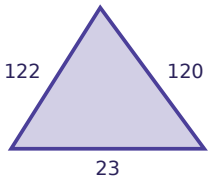
Task card 20 Converse of the Pythagorean Theore...

A triangle has side lengths 20, 48, 52. Is it a right triangle?



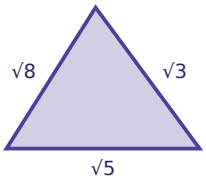
Task card 21 Converse of the Pythagorean Theore...

A triangle has sides 23 cm, 120 cm and 122 cm. Is it a right triangle?



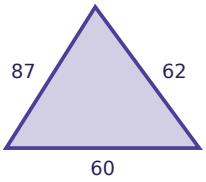
Task card 22 Converse of the Pythagorean Theore...

A triangle has side lengths √5, √3, √8. Is it a right triangle?



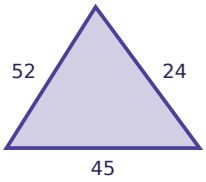
Task card 23 Converse of the Pythagorean Theore...

A triangle has sides 60 cm, 62 cm and 87 cm. Is it a right triangle?



Task card 24 Converse of the Pythagorean Theore...

A triangle has sides 45 cm, 24 cm and 52 cm. Is it a right triangle?



Converse of the Pythagorean Theorem Task Cards

Recording sheet · Grade 8 · Decide whether each triangle is a right triangle. Write yes or no.

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

Converse of the Pythagorean Theorem Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. no	**2.** no	**3.** yes
4. no	**5.** yes	**6.** yes
7. no	**8.** no	**9.** yes
10. yes	**11.** no	**12.** yes
13. no	**14.** yes	**15.** no
16. yes	**17.** no	**18.** yes
19. yes	**20.** yes	**21.** no
22. yes	**23.** no	**24.** no