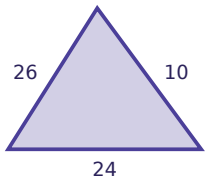
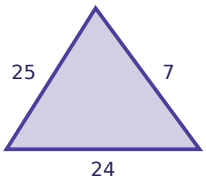
Task card 1 Converse of the Pythagorean Theore...

A triangle has side lengths 24, 10, 26. Is it a right triangle?



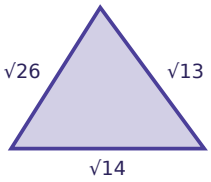
Task card 2 Converse of the Pythagorean Theore...

A triangle has sides 24 cm, 7 cm and 25 cm. Is it a right triangle?



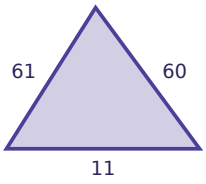
Task card 3 Converse of the Pythagorean Theore...

A triangle has side lengths √14, √13, √26. Is it a right triangle?



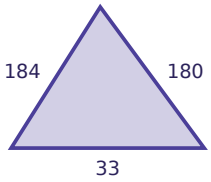
Task card 4 Converse of the Pythagorean Theore...

A triangle has sides 11 cm, 60 cm and 61 cm. Is it a right triangle?



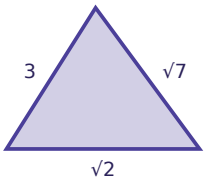
Task card 5 Converse of the Pythagorean Theore...

A triangle has sides 33 cm, 180 cm and 184 cm. Is it a right triangle?



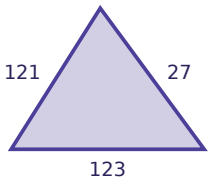
Task card 6 Converse of the Pythagorean Theore...

A triangle has side lengths √2, √7, 3. Is it a right triangle?



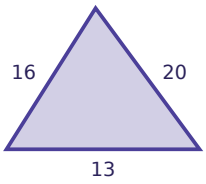
Task card 7 Converse of the Pythagorean Theore...

A triangle has side lengths 123, 27, 121. Is it a right triangle?



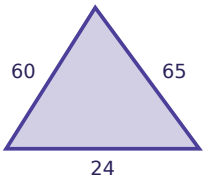
Task card 8 Converse of the Pythagorean Theore...

A triangle has side lengths 13, 20, 16. Is it a right triangle?



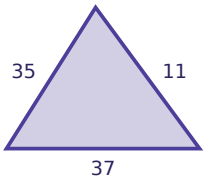
Task card 9 Converse of the Pythagorean Theore...

A triangle has sides 24 cm, 65 cm and 60 cm. Is it a right triangle?



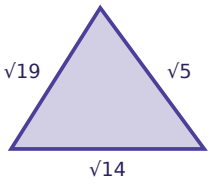
Task card 10 Converse of the Pythagorean Theore...

A triangle has side lengths 37, 11, 35. Is it a right triangle?



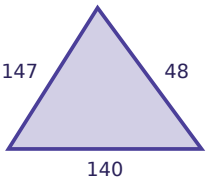
Task card 11 Converse of the Pythagorean Theore...

A triangle has side lengths √14, √5, √19. Is it a right triangle?



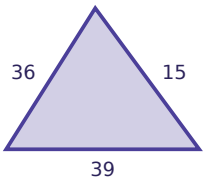
Task card 12 Converse of the Pythagorean Theore...

A triangle has side lengths 140, 48, 147. Is it a right triangle?



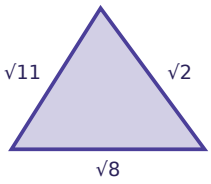
Task card 13 Converse of the Pythagorean Theore...

A triangle has side lengths 39, 15, 36. Is it a right triangle?



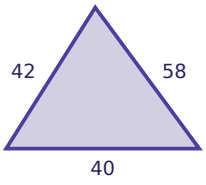
Task card 14 Converse of the Pythagorean Theore...

A triangle has side lengths √8, √2, √11. Is it a right triangle?



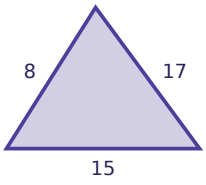
Task card 15 Converse of the Pythagorean Theore...

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



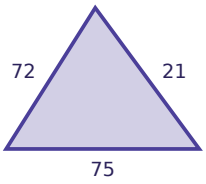
Task card 16 Converse of the Pythagorean Theore...

A triangle has side lengths 15, 17, 8. Is it a right triangle?



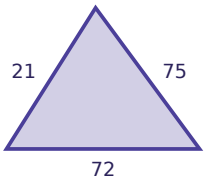
Task card 17 Converse of the Pythagorean Theore...

A triangle has side lengths 75, 21, 72. Is it a right triangle?



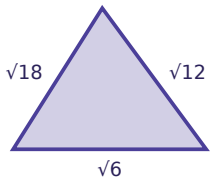
Task card 18 Converse of the Pythagorean Theore...

A triangle has side lengths 72, 75, 21. Is it a right triangle?



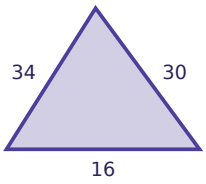
Task card 19 Converse of the Pythagorean Theore...

A triangle has side lengths √6, √12, √18. Is it a right triangle?



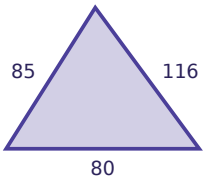
Task card 20 Converse of the Pythagorean Theore...

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



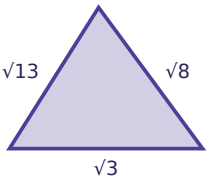
Task card 21 Converse of the Pythagorean Theore...

A triangle has sides 80 cm, 116 cm and 85 cm. Is it a right triangle?



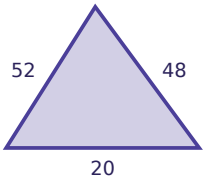
Task card 22 Converse of the Pythagorean Theore...

A triangle has side lengths √3, √8, √13. Is it a right triangle?



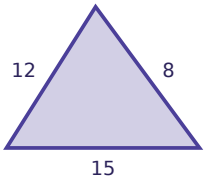
Task card 23 Converse of the Pythagorean Theore...

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



Task card 24 Converse of the Pythagorean Theore...

A triangle has side lengths 15, 8, 12. 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 · Hard

The answers online

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