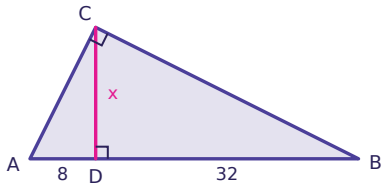
Task card 1 Geometric Mean in Right Triangles

Find x.

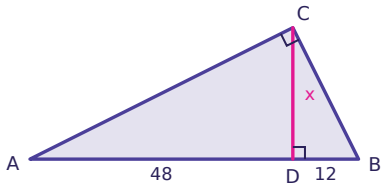


Task card 2 Geometric Mean in Right Triangles

Find the geometric mean of 75 and 108.

Task card 3 Geometric Mean in Right Triangles

Find x.

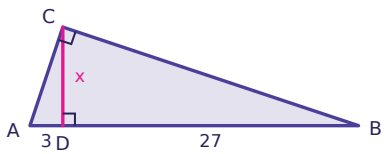


Task card 4 Geometric Mean in Right Triangles

Find the geometric mean of 27 and 3.

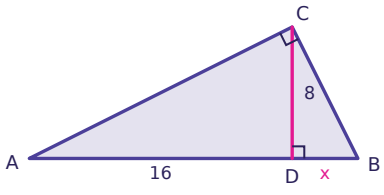
Task card 5 Geometric Mean in Right Triangles

Find x.



Task card 6 Geometric Mean in Right Triangles

Find x.

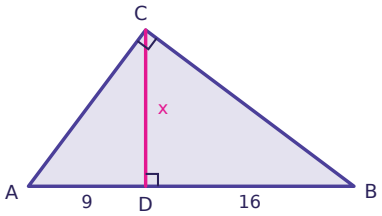


Task card 7 Geometric Mean in Right Triangles

Find the geometric mean of 50 and 8.

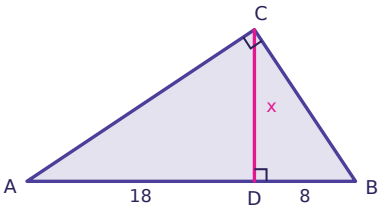
Task card 8 Geometric Mean in Right Triangles

Find x.



Task card 9 Geometric Mean in Right Triangles

Find x.

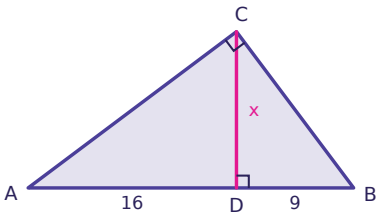


Task card 10 Geometric Mean in Right Triangles

Find the geometric mean of 75 and 12.

Task card 11 Geometric Mean in Right Triangles

Find x.

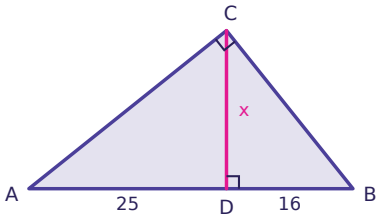


Task card 12 Geometric Mean in Right Triangles

Find the geometric mean of 2 and 32.

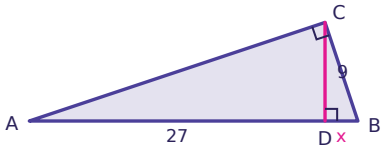
Task card 13 Geometric Mean in Right Triangles

Find x.



Task card 14 Geometric Mean in Right Triangles

Find x.

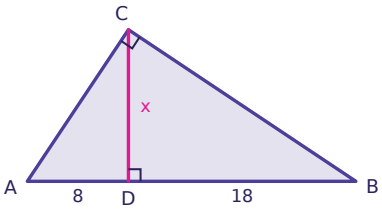


Task card 15 Geometric Mean in Right Triangles

Find the geometric mean of 12 and 48.

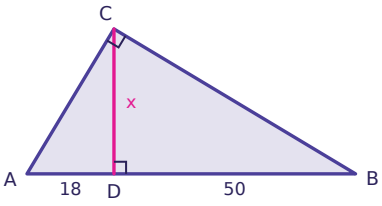
Task card 16 Geometric Mean in Right Triangles

Find x.



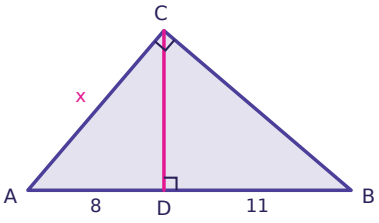
Task card 17 Geometric Mean in Right Triangles

Find x.



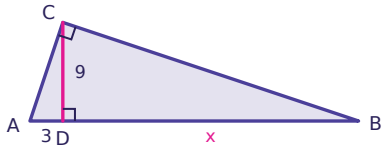
Task card 18 Geometric Mean in Right Triangles

Find x.



Task card 19 Geometric Mean in Right Triangles

Find x.

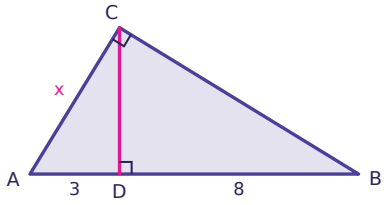


Task card 20 Geometric Mean in Right Triangles

Find the geometric mean of 10 and 3.

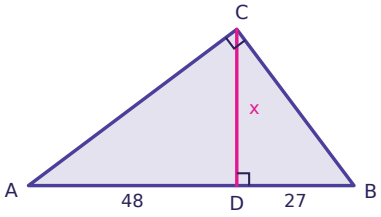
Task card 21 Geometric Mean in Right Triangles

Find x.



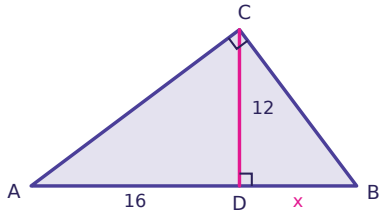
Task card 22 Geometric Mean in Right Triangles

Find x.



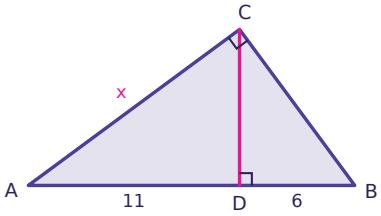
Task card 23 Geometric Mean in Right Triangles

Find x.



Task card 24 Geometric Mean in Right Triangles

Find x.



Geometric Mean in Right Triangles Task Cards

Recording sheet · Grade 10 · In each diagram, △ABC has a right angle at C and CD is the altitude to the hypotenuse. Write answers in simplest radical form when needed.

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

Geometric Mean in Right Triangles Task Cards: Answer Key

Grade 10 · Easy

The answers online

1. 16	**2.** 90	**3.** 24
4. 9	**5.** 9	**6.** 4
7. 20	**8.** 12	**9.** 12
10. 30	**11.** 12	**12.** 8
13. 20	**14.** 3	**15.** 24
16. 12	**17.** 30	**18.** $2\sqrt{38}$
19. 27	**20.** $\sqrt{30}$	**21.** $\sqrt{33}$
22. 36	**23.** 9	**24.** $\sqrt{187}$