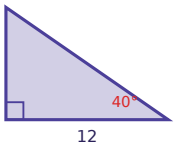
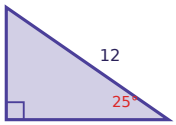
Task card 1 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 40°, and the side adjacent to θ is 12. Find the length of the hypotenuse.



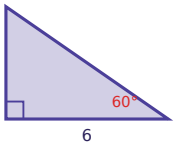
Task card 2 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 25°, and the hypotenuse is 12. Find the length of the side opposite θ.



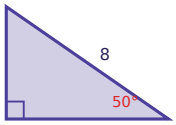
Task card 3 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the side adjacent to θ is 6. Find the length of the hypotenuse.



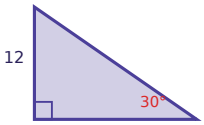
Task card 4 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the hypotenuse is 8. Find the length of the side opposite θ.



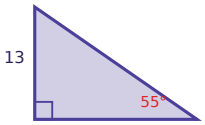
Task card 5 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the side opposite θ is 12. Find the length of the hypotenuse.



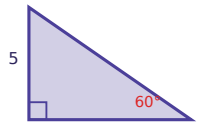
Task card 6 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the side opposite θ is 13. Find the length of the side adjacent to θ.



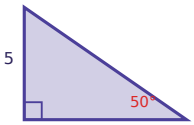
Task card 7 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the side opposite θ is 5. Find the length of the side adjacent to θ.



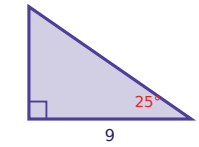
Task card 8 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the side opposite θ is 5. Find the length of the side adjacent to θ.



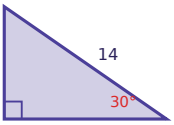
Task card 9 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 25°, and the side adjacent to θ is 9. Find the length of the hypotenuse.



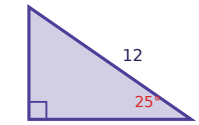
Task card 10 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the hypotenuse is 14. Find the length of the side opposite θ.



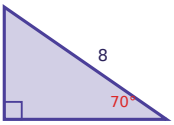
Task card 11 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 25°, and the hypotenuse is 12. Find the length of the side adjacent to θ.



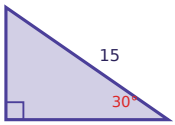
Task card 12 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 70°, and the hypotenuse is 8. Find the length of the side adjacent to θ.



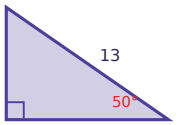
Task card 13 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the hypotenuse is 15. Find the length of the side opposite θ.



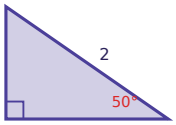
Task card 14 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the hypotenuse is 13. Find the length of the side adjacent to θ.



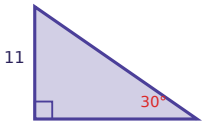
Task card 15 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the hypotenuse is 2. Find the length of the side adjacent to θ.



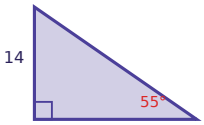
Task card 16 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the side opposite θ is 11. Find the length of the hypotenuse.



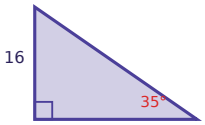
Task card 17 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the side opposite θ is 14. Find the length of the hypotenuse.



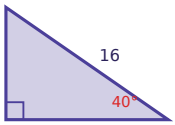
Task card 18 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the side opposite θ is 16. Find the length of the side adjacent to θ.



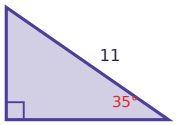
Task card 19 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 40°, and the hypotenuse is 16. Find the length of the side opposite θ.



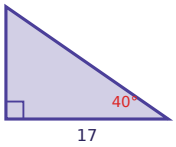
Task card 20 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the hypotenuse is 11. Find the length of the side opposite θ.



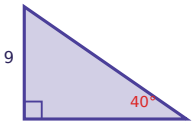
Task card 21 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 40°, and the side adjacent to θ is 17. Find the length of the side opposite θ.



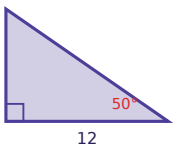
Task card 22 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 40°, and the side opposite θ is 9. Find the length of the side adjacent to θ.



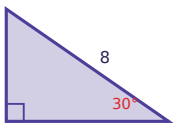
Task card 23 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the side adjacent to θ is 12. Find the length of the hypotenuse.



Task card 24 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the hypotenuse is 8. Find the length of the side adjacent to θ.



Solving Right Triangles with Trigonometry Task Cards

Recording sheet · Grade 10 · Use trigonometric ratios to solve. Round to the nearest tenth.

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

Solving Right Triangles with Trigonometry Task Cards: Answer Key

Grade 10 · Medium

The answers online

1. 15.7	**2.** 5.1	**3.** 12.0
4. 6.1	**5.** 24.0	**6.** 9.1
7. 2.9	**8.** 4.2	**9.** 9.9
10. 7.0	**11.** 10.9	**12.** 2.7
13. 7.5	**14.** 8.4	**15.** 1.3
16. 22.0	**17.** 17.1	**18.** 22.9
19. 10.3	**20.** 6.3	**21.** 14.3
22. 10.7	**23.** 18.7	**24.** 6.9