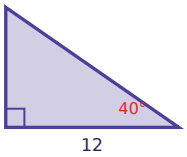
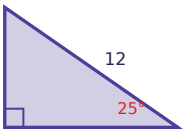
Solving Right Triangles with Trigonometry · 1

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



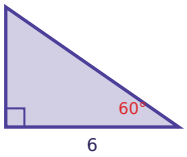
Solving Right Triangles with Trigonometry · 2

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



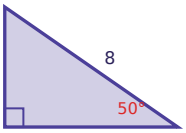
Solving Right Triangles with Trigonometry · 3

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



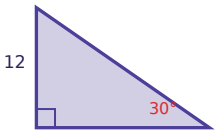
Solving Right Triangles with Trigonometry · 4

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



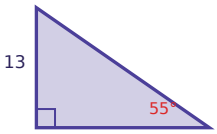
Solving Right Triangles with Trigonometry · 5

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



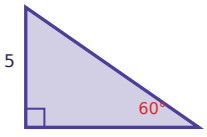
Solving Right Triangles with Trigonometry · 6

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



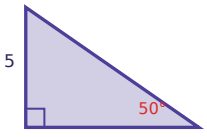
Solving Right Triangles with Trigonometry · 7

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



Solving Right Triangles with Trigonometry · 8

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



Solving Right Triangles with Trigonometry · 2

ANSWER

5.1

Solving Right Triangles with Trigonometry · 1

ANSWER

15.7

Solving Right Triangles with Trigonometry · 4

ANSWER

6.1

Solving Right Triangles with Trigonometry · 3

ANSWER

12.0

Solving Right Triangles with Trigonometry · 6

ANSWER

9.1

Solving Right Triangles with Trigonometry · 5

ANSWER

24.0

Solving Right Triangles with Trigonometry · 8

ANSWER

4.2

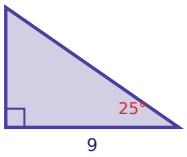
Solving Right Triangles with Trigonometry · 7

ANSWER

2.9

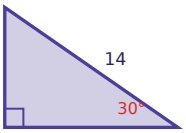
Solving Right Triangles with Trigonometry · 9

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



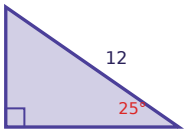
Solving Right Triangles with Trigonometry · 10

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



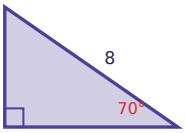
Solving Right Triangles with Trigonometry · 11

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



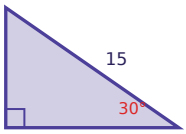
Solving Right Triangles with Trigonometry · 12

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



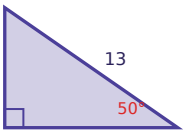
Solving Right Triangles with Trigonometry · 13

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



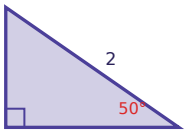
Solving Right Triangles with Trigonometry · 14

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



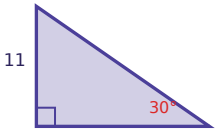
Solving Right Triangles with Trigonometry · 15

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



Solving Right Triangles with Trigonometry · 16

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



Solving Right Triangles with Trigonometry · 10

ANSWER

7.0

Solving Right Triangles with Trigonometry · 9

ANSWER

9.9

Solving Right Triangles with Trigonometry · 12

ANSWER

2.7

Solving Right Triangles with Trigonometry · 11

ANSWER

10.9

Solving Right Triangles with Trigonometry · 14

ANSWER

8.4

Solving Right Triangles with Trigonometry · 13

ANSWER

7.5

Solving Right Triangles with Trigonometry · 16

ANSWER

22.0

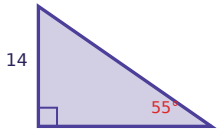
Solving Right Triangles with Trigonometry · 15

ANSWER

1.3

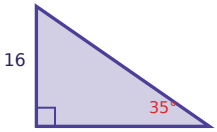
Solving Right Triangles with Trigonometry · 17

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



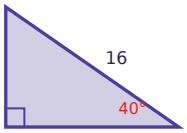
Solving Right Triangles with Trigonometry · 18

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



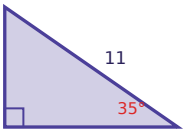
Solving Right Triangles with Trigonometry · 19

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



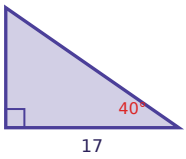
Solving Right Triangles with Trigonometry · 20

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



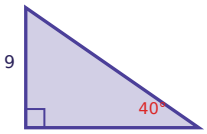
Solving Right Triangles with Trigonometry · 21

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



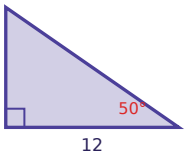
Solving Right Triangles with Trigonometry · 22

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



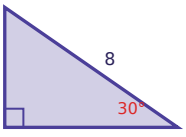
Solving Right Triangles with Trigonometry · 23

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



Solving Right Triangles with Trigonometry · 24

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 · 18

ANSWER

22.9

Solving Right Triangles with Trigonometry · 17

ANSWER

17.1

Solving Right Triangles with Trigonometry · 20

ANSWER

6.3

Solving Right Triangles with Trigonometry · 19

ANSWER

10.3

Solving Right Triangles with Trigonometry · 22

ANSWER

10.7

Solving Right Triangles with Trigonometry · 21

ANSWER

14.3

Solving Right Triangles with Trigonometry · 24

ANSWER

6.9

Solving Right Triangles with Trigonometry · 23

ANSWER

18.7