1. An equilateral triangle has a side length of 16 ft. Which is the altitude of the triangle?

   [A] $16\sqrt{3}$ ft [B] $8\sqrt{3}$ ft [C] 16 ft [D] 32 ft

2. An equilateral triangle has a side length of 4 m. Which is the altitude of the triangle?

   [A] 4 m [B] $4\sqrt{3}$ m [C] 8 m [D] $2\sqrt{3}$ m

3. An equilateral triangle has a side length of 28 km. Which is the altitude of the triangle?

   [A] $28\sqrt{3}$ km [B] 56 km [C] $14\sqrt{3}$ km [D] 28 km

4. An equilateral triangle has a side length of 26 cm. Which is the altitude of the triangle?

   [A] $13\sqrt{3}$ cm [B] 26 cm [C] $26\sqrt{3}$ cm [D] 52 cm

5. An equilateral triangle has a side length of 10 ft. Which is the altitude of the triangle?

   [A] $10\sqrt{3}$ ft [B] 10 ft [C] 20 ft [D] $5\sqrt{3}$ ft

6. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

   [A] 6 mm, 8 mm, 10 mm [B] 7 mm, 8 mm, 10 mm
   [C] 12 mm, 16 mm, 20 mm [D] 3 mm, 4 mm, 5 mm

7. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

   [A] 6 mm, 8 mm, 10 mm [B] 24 mm, 32 mm, 40 mm
   [C] 12 mm, 16 mm, 20 mm [D] 13 mm, 16 mm, 20 mm

8. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

[A] 3 mm, 4 mm, 5 mm

[B] $\frac{3}{2}$ mm, 2 mm, $\frac{5}{2}$ mm

[C] 4 mm, 4 mm, 5 mm

[D] 6 mm, 8 mm, 10 mm

9. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

[A] 10 mm, 12 mm, 15 mm

[B] $\frac{9}{2}$ mm, 6 mm, $\frac{15}{2}$ mm

[C] 9 mm, 12 mm, 15 mm

[D] 18 mm, 24 mm, 30 mm

10. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

[A] 4 mm, $\frac{15}{2}$ mm, $\frac{17}{2}$ mm

[B] 9 mm, 15 mm, 17 mm

[C] 16 mm, 30 mm, 34 mm

[D] 8 mm, 15 mm, 17 mm

11. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

[A] 10 mm, 24 mm, 26 mm

[B] 5 mm, 12 mm, 13 mm

[C] 6 mm, 12 mm, 13 mm

[D] $\frac{5}{2}$ mm, 6 mm, $\frac{13}{2}$ mm

12. The lengths of the sides of four triangles are given. Determine which triangle is *not* a right triangle.

[A] 10 mm, 24 mm, 26 mm

[B] 20 mm, 48 mm, 52 mm

[C] 11 mm, 24 mm, 26 mm

[D] 5 mm, 12 mm, 13 mm

13. A rectangle has a length of 16 inches and a width of 14 inches. Find the length of its diagonal to the nearest hundredth.

14. A rectangle has a length of 14 inches and a width of 5 inches. Find the length of its diagonal to the nearest hundredth.

15. A rectangle has a length of 12 inches and a width of 8 inches. Find the length of its diagonal to the nearest hundredth.

16. A rectangle has a length of 13 inches and a width of 4 inches. Find the length of its diagonal to the nearest hundredth.

17. A rectangle has a length of 17 inches and a width of 8 inches. Find the length of its diagonal to the nearest hundredth.

18. A rectangle has a length of 15 inches and a width of 5 inches. Find the length of its diagonal to the nearest hundredth.

19. A rectangle has a length of 19 inches and a width of 5 inches. Find the length of its diagonal to the nearest hundredth.

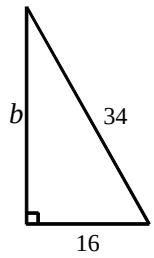
20. A rectangle has a length of 10 inches and a width of 7 inches. Find the length of its diagonal to the nearest hundredth.

21. A rectangle has a length of 11 inches and a width of 4 inches. Find the length of its diagonal to the nearest hundredth.

22. A rectangle has a length of 20 inches and a width of 12 inches. Find the length of its diagonal to the nearest hundredth.

Find the length of the missing side.

23.



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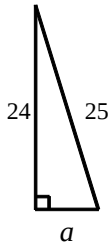

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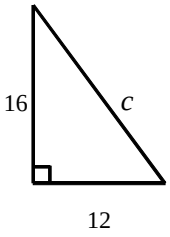

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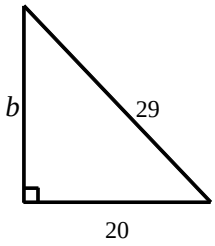
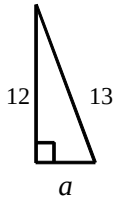


Find the length of the missing side.

27.



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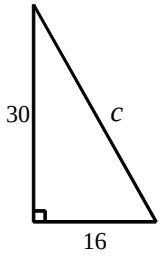

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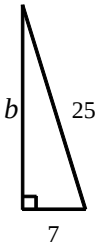

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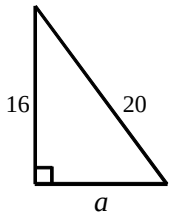
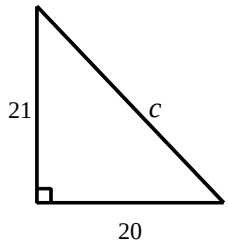


Find the length of the missing side.

31.



32.