

8.4 Multiple Choice 1a-f, 2-5

8.4 Mult Choice Geo BLANK

Example 1

Guided Practice

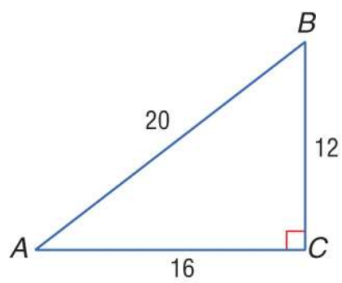
A. Find $\sin A$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



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Example 1

Guided Practice

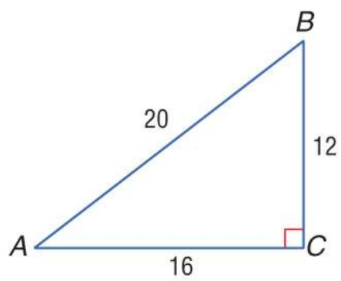
B. Find $\cos A$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



Example 1

Guided Practice

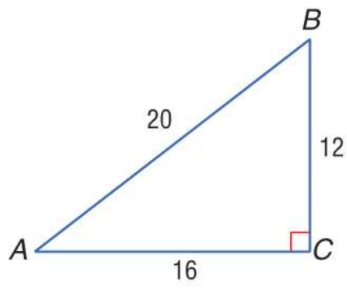
C. Find $\tan A$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



8.4 Mult Choice Geo BLANK

Example 1

Guided Practice

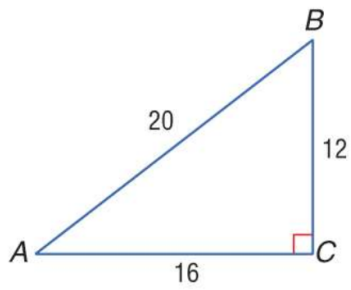
D. Find $\sin B$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



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Example 1

Guided Practice

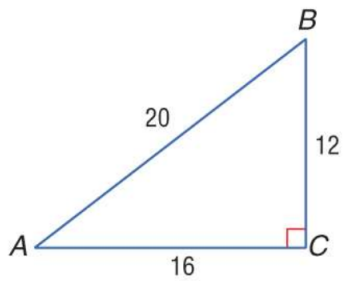
E. Find $\cos B$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



Example 1

Guided Practice

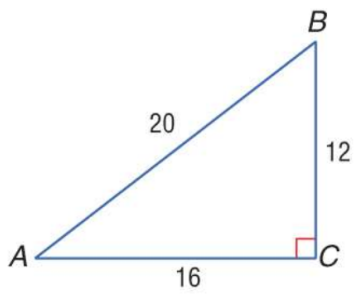
F. Find $\tan B$.

A. $\frac{3}{4}$

B. $\frac{3}{5}$

C. $\frac{4}{5}$

D. $\frac{4}{3}$



Example 2

Guided Practice

Use a special right triangle to express the tangent of 60° as a fraction and as a decimal to the nearest hundredth.

- A. $\frac{1}{2}$ or 0.50
- B. $\frac{\sqrt{3}}{2}$ or 0.87
- C. $\frac{\sqrt{3}}{1}$ or 1.73
- D. $\frac{1}{\sqrt{3}}$ or 0.58

Real-World Example 3

Guided Practice

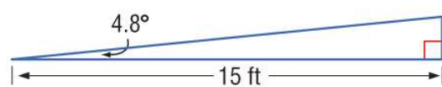
CONSTRUCTION The bottom of a handicap ramp is 15 feet from the entrance of a building. If the angle of the ramp is about 4.8° , about how high does the ramp rise off the ground to the nearest inch?

A. 1 in.

B. 11 in.

C. 16 in.

D. 15 in.



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Example 4

Guided Practice

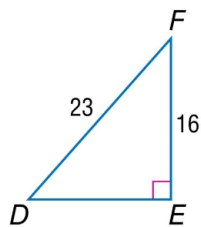
Use a calculator to find the measure of $\angle D$ to the nearest tenth.

A. 44.1°

B. 48.3°

C. 55.4°

D. 57.2°

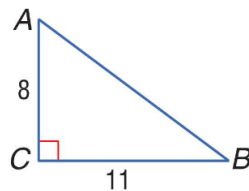


Example 5

Guided Practice

Solve the right triangle. Round side measures to the nearest tenth and angle measures to the nearest degree.

- A. $m\angle A = 36^\circ$, $m\angle B = 54^\circ$,
 $AB = 13.6$
- B. $m\angle A = 54^\circ$, $m\angle B = 36^\circ$,
 $AB = 13.6$
- C. $m\angle A = 36^\circ$, $m\angle B = 54^\circ$,
 $AB = 16.3$
- D. $m\angle A = 54^\circ$, $m\angle B = 36^\circ$,
 $AB = 16.3$



TOC **8.4 Trigonometry**

EQ: Can you find trigonometric ratios and use them to find side lengths and angle measures in right triangles?

Write 3 Questions for this section on the left page

1. How are you doing?

Write answer next to the Summary

- 1: I don't understand the material.
- 2: I understand a little.
- 3: I understand this material.
- 4: I could teach this to someone.

Summary: At least 3 sentences...

Write this now.