

8.3 Multiple Choice #1ab,2-4 and Rev
8.2 #1-3

Example 1

Guided Practice

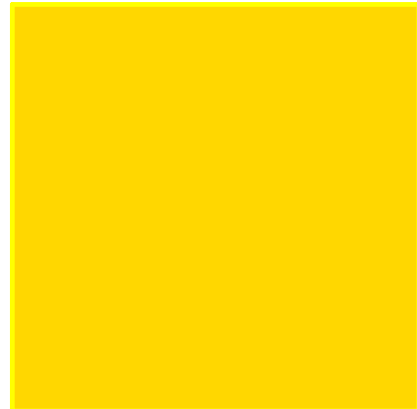
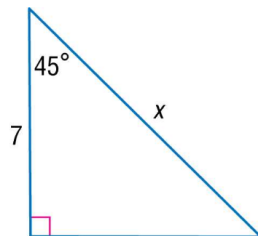
A. Find x .

A. 3.5

B. 7

C. $7\sqrt{2}$

D. $2\sqrt{7}$



8.3 Mult Choice Geo BLANK

Example 1

Guided Practice

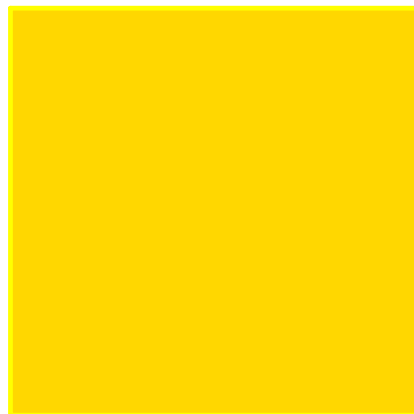
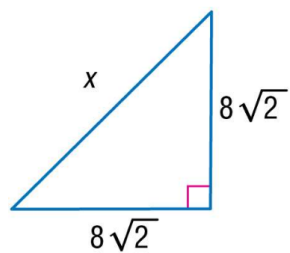
B. Find x .

A. $4\sqrt{2}$

B. $16\sqrt{2}$

C. 16

D. 32



Example 2

Guided Practice

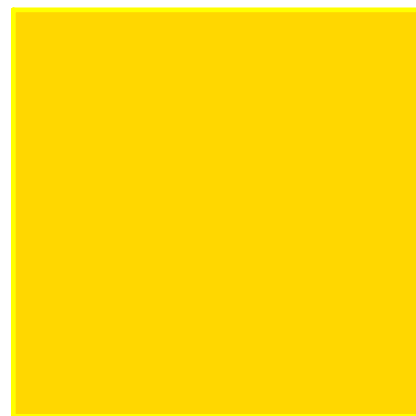
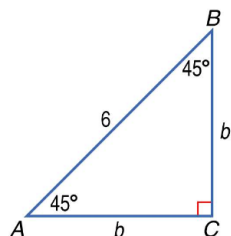
Find b .

A. $3\sqrt{2}$

B. 3

C. $6\sqrt{2}$

D. $3\sqrt{3}$



8.3 Mult Choice Geo BLANK

Example 3

Guided Practice

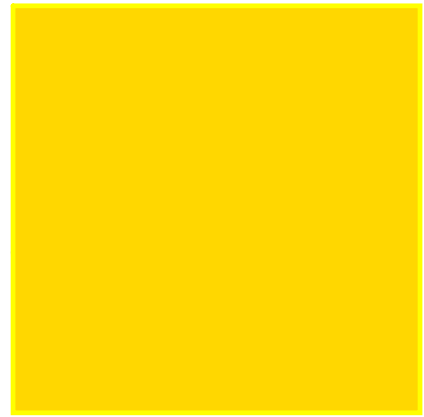
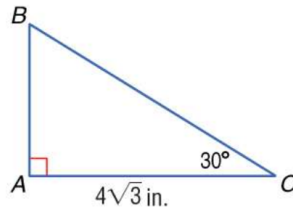
Find BC .

A. 4 in.

B. 8 in.

C. $8\sqrt{3}$ in.

D. 12 in.



Real-World Example 4

Guided Practice

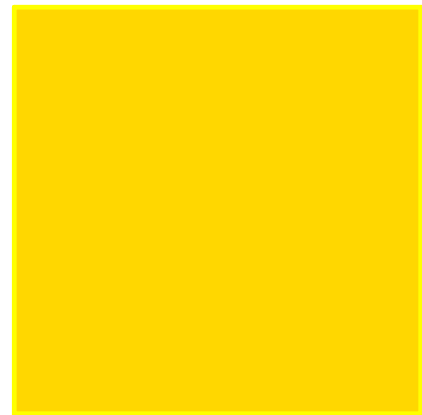
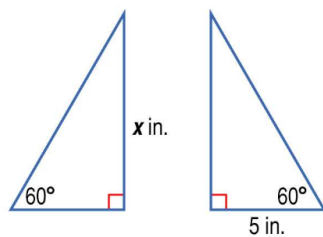
BOOKENDS Shaina designed 2 identical bookends according to the diagram below. Use special triangles to find the height of the bookends.

A. $5\sqrt{3}$

B. 10

C. 5

D. $10\sqrt{3}$



8.3 Mult Choice Geo BLANK

5-Minute Check

Over Lesson 8-2

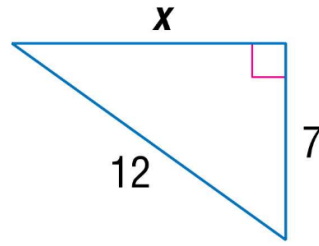
1 Find x .

A. 5

B. $\sqrt{90} \approx 9.5$

C. $\sqrt{95} \approx 9.7$

D. 10.5



5-Minute Check

Over Lesson 8-2

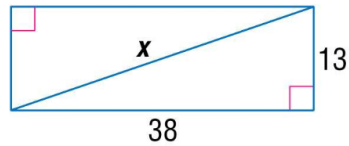
2 Find x .

A. $\sqrt{1430} \approx 37.8$

B. $\sqrt{1613} \approx 40.2$

C. 45

D. 51



8.3 Mult Choice Geo BLANK

5-Minute Check

Over Lesson 8-2

3 Determine whether the set of numbers can be the measures of the sides of a triangle. If so, classify the triangle as *acute*, *obtuse*, or *right*.

16, 30, 33

- A. yes, acute
- B. yes, obtuse
- C. yes, right
- D. no

← TOC

8.3 Special Right Triangles

EVEN
PAGE

EQ: Can you use properties of 45-45-90 and 30-60-90 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.