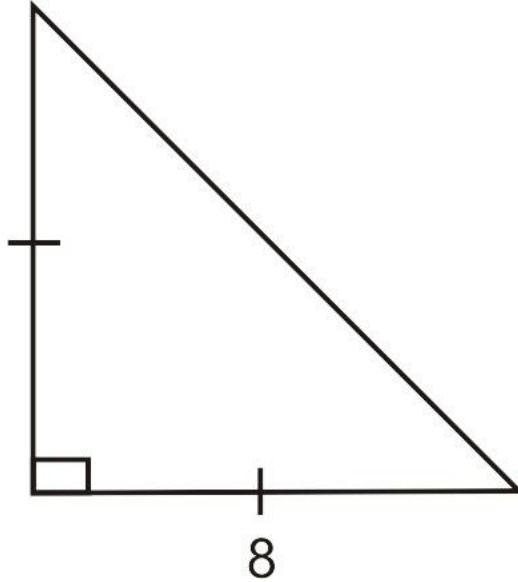Geometry
Lesson: Thursday, April 9, 2020

Learning Target:
Students will solve problems involving special right triangles.

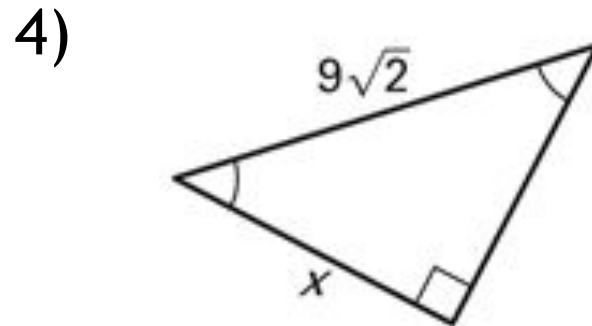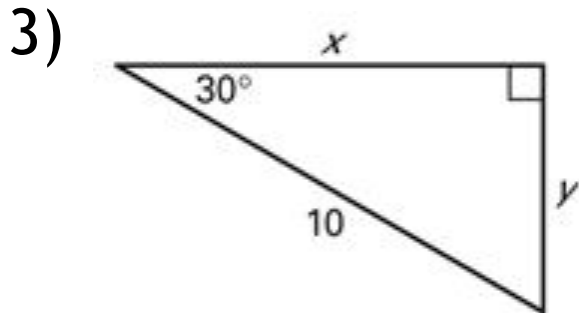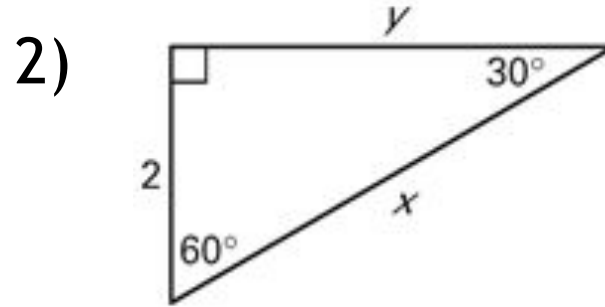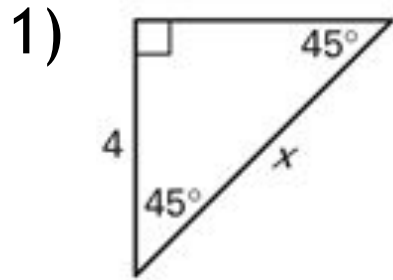**Bell Ringer:** Use the Pythagorean Theorem to find the length of the hypotenuse.

Bell Ringer Answer: Approximately 11.31 units!
OR exactly $8\sqrt{2}$ units!

Let's Get Started:
Watch Video: Solving Special Right Triangles

After you complete video, move on to the practice problems provided.

Practice: Try the following problems shown below. Then, use the provided answer key to check your work.

1)

2)

3)

4)

Answer Key:

Here you will find the answers to the previous four questions.
Check your answers below.

1) $x = 4\sqrt{2}$

2) $x = 4$, $y = 2\sqrt{3}$

3) $x = 5\sqrt{3}$, $y = 5$

4) $x = 9$

Additional Resources:

Click on the link below to get additional practice and to check your understanding!

[Special Right Triangles Extra Practice](#)