

- 4 Fill in the blanks with the correct words from the word bank.

Word BANK

similarity difference geometry shape
two-dimensional three-dimensional

- 1 A circle is an example of a _____.
- 2 A _____ figure has no depth, just height and width.
- 3 In the unit on _____, students will study polygons.
- 4 Objects that have height, width, and depth are _____.
- 5 A _____ between the two shapes is that they both have 3 sides.
- 6 A _____ between the two shapes is that one has 4 corners and the other has 5.

- 5 Listen and read the standards guide again. What competencies does Math.3a require?

Listening

- 6 Listen to a conversation between a teacher and a student. Mark the following statements as true (T) or false (F).

- 1 ___ The girl gives an example of a polygon.
- 2 ___ The man asks the girl to compare two objects.
- 3 ___ The girl confuses three-dimensional and two-dimensional shapes.

- 7 Listen again and complete the conversation.

Teacher: Let's review our lesson on 1 _____.

Student: Okay. That sounds fun. I like geometry.

Teacher: Great! I'm glad. Could you give me an example of a 2 _____?

Student: That's a shape with 3 _____, right?

Teacher: Yes, that's right. Do you have any ideas?

Student: Hmm. I think a 4 _____ is a polygon. Is that right?

Teacher: It is! And is a square a two-dimensional or three-dimensional 5 _____?

Student: That's an easy one. It's 6 _____ - _____.

Speaking

- 8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

Let's review ...

Can you give me an example of ...?

Can you name ...?

Student A: You are a teacher.

Talk to Student B about:

- geometry concepts
- types of geometric shapes
- examples of two-dimensional and three-dimensional objects

Student B: You are a student. Talk to Student A about geometry.

Writing

- 9 Use the standards guide and conversation from Task 8 to create a guide to helping students learn the difference between two-dimensional and three-dimensional objects. Include: a discussion of how to introduce the concept to students, ways to illustrate the concept for students, and lesson tips.

