

## Geometry Unit Reflection

### 1. Rate Your Understanding

Listed below are the major concepts that we learned in this unit.  
Rate each concept based on the scale on the right.

- \_\_\_ Perform and identify a reflection.
- \_\_\_ Perform and identify a rotation.
- \_\_\_ Perform and identify a translation.
- \_\_\_ Perform and identify a dilation.
- \_\_\_ Identify complementary & supplementary angles.
- \_\_\_ Identify vertical angles.
- \_\_\_ Identify corresponding angles.
- \_\_\_ Identify alternate interior angles & alternate exterior angles.
- \_\_\_ Find the interior angle sum of any polygon.
- \_\_\_ Use angle relationships to find the measures of unknown angles in a diagram.

#### Rating Scale

- 4** I understand this completely! I could even teach it to a peer!
- 3** I understand this, but maybe not well enough to explain it to someone.
- 2** I still find this concept hard, but I understand it better than I did before.
- 1** I am still struggling with this concept, and I'm still not sure that I know it.

### 2. Look over the Pre-Assessment that you took at the beginning of this unit (if available).

Describe something new that you learned during this unit. Be specific!

### 3. Reflect on Your Learning

Which concept in this unit was most interesting and/or fun for you? Explain why.

What learning are you most proud of? Select a problem that you can now solve and show the solution.

### 4. Make Connections

When and where do people use these concepts in real life? Explain.

## Brain Teasers 3

### Rhyme Time

The answers to the following riddle phrases will be two words that rhyme. The answer will always mean basically the same as the clue.

**Example:** The answer to ANGRY FATHER would be MAD DAD.

- |                                  |                            |
|----------------------------------|----------------------------|
| 1. Feline rug                    | 9. Dull trick              |
| 2. The picnic pest is unable     | 10. Gloomy playground      |
| 3. A boring choo-choo            | 11. Orca story             |
| 4. A boy slug with a shell       | 12. A naked sitting device |
| 5. An airplane collection        | 13. Angry adolescent       |
| 6. Cardiac graph                 | 14. Carry fungus           |
| 7. College apartment application | 15. A young cow's giggle   |
| 8. Equitable portion             | 16. Excellent game cubes   |

### Pick a KenKen!

For the easy version, fill in numbers 1 through 4. For the medium version, fill in numbers 1 through 6. You cannot repeat a number in any column or row. The numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner using the mathematical operation indicated. A number can be repeated within a cage, as long as it is not in the same row or column.

2	7+		5+
9 ×	8 ×		
			2
2 ÷		2 -	

*Easy (fill in numbers 1 through 4)*

11 +	24 ×		3 +		1 -
	4 ×		45 ×	5	
3 -		12 ×			6
	15 ×		6	2 ÷	
2		1 -		2 -	6 +
2 ÷		1 -			

*Medium (fill in numbers 1 through 6)*