### Lesson 1 Practice Problems

1. A sandwich store charges $20 to have 3 turkey subs delivered and $26 to have 4 delivered.
	1. Is the relationship between number of turkey subs delivered and amount charged proportional? Explain how you know.
	2. How much does the store charge for 1 additional turkey sub?
	3. Describe a rule for determining how much the store charges based on the number of turkey subs delivered.
2. Which question cannot be answered by the solution to the equation $3x=27$?
	1. Elena read three times as many pages as Noah. She read 27 pages. How many pages did Noah read?
	2. Lin has 27 stickers. She gives 3 stickers to each of her friends. With how many friends did Lin share her stickers?
	3. Diego paid $27 to have 3 pizzas delivered and $35 to have 4 pizzas delivered. What is the price of one pizza?
	4. The coach splits a team of 27 students into 3 groups to practice skills. How many students are in each group?
3. The area of the Mojave desert is 25,000 square miles. A scale drawing of the Mojave desert has an area of 10 square inches. What is the scale of the map?
* (From Unit 2, Lesson 7.)
1. Each picture shows two polygons, one labeled Polygon A and one labeled Polygon B. Describe how to move Polygon A into the position of Polygon B using a transformation.
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* (From Unit 1, Lesson 3.)



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