Name _____   Date _____

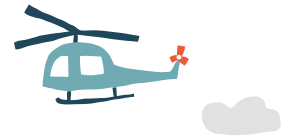## WORD PROBLEM ASSESSMENT:
Flying Through Fourth Grade

Directions: Solve each word problem. Show your work and write your answers on the answer lines.

1. Alejandro will sew ribbon around the perimeter of his quilt. The quilt is 8 feet long and 6 feet wide. How many feet of ribbon does Alejandro need?

ANSWER: _____ 28 feet _____

2. Brianna built a rectangular flower garden. The garden is 10 feet long and 8 feet wide. What is the area of Brianna's flower garden?

ANSWER: _____ 80 square feet _____

3. Jamal bought 12 boxes of candles. Each box holds 15 candles. Use the area model method to find the total number of candles Jamal purchased.

	10	2
10	100	20
5	50	10

ANSWER: _____ 180 candles _____

4. The pears from 1 tree at Olivia's Orchard fill 14 baskets. If there are 12 pear trees in each row, and there are a total of 8 rows, how many baskets of pears will Olivia fill?

ANSWER: _____ 1,344 baskets _____

5. The product of 35 × 45 is more than the product of 34 × 45. Without multiplying, explain how you know that the first product is more than the second product.

SAMPLE ANSWER: 35 is one more than 34 and the other two factors are the same.

How much more is 35 × 45 than 34 × 45?

ANSWER: _____ 45 _____

6. A crate of apples weighs 85 pounds. How much less do 13 crates of apples weigh than 15 crates of apples?

ANSWER: _____ 170 pounds less _____

7. Mt. Arrain is 14,831 feet tall, whereas Mt. Brook is 18,940 feet tall. How much taller is Mt. Brook than Mt. Arrain?

ANSWER: _____ 4,109 feet _____

8. California is the third-largest state in the U.S. by area. Its land area is 155,779 square miles. The area of water is 7,916 square miles. What is the total area of California?

ANSWER: 163,695 square miles