## Fraction Word Problems (E)

KEY Name

1. On Friday night, Lauren ate a pizza for dinner and had 4/5 of the pizza left over. On Saturday, she ate 1/3 of what was left. How much of the pizza did Lauren eat on Saturday? Remember "of" means multiply.

2. During snack time at preschool, the teacher divided 7/8 of a gallon of milk evenly among 7 students. How much milk did each student get?

3. You have  $2\frac{1}{4}$  pizzas to share equally with 3 people. How much will each person get?

$$\frac{4}{5} \cdot \frac{1}{3} = \frac{4}{15} \text{ of a}$$

$$\frac{4}{5} \cdot \frac{1}{3} = \frac{4}{15} \text{ of a pizza} \quad \frac{7}{8} \cdot \frac{1}{7} = \frac{1}{8} \text{ gallon}$$

9 0 1 = 3 of a Dizza



4. After grading the history exam, Mr. Parsons discovered that  $\frac{2}{3}$  of the students who had taken the exam earned A's or B's. Of those students,  $\frac{1}{5}$  had earned 100% on the exam. If Mr. Parsons has 180 students, how many students earned 100% on the exam?

5. A spice merchant divided 4/5 of a pound of ground cinnamon into 2 equal packages. She then sold the ground cinnamon to restaurants and bakeries. What was the weight of ground cinnamon in each package?

6. Richard has a board that is 2½ feet long. He needs a board that is ¼ of this length. What is the length of the board Richard needs?

$$\frac{2}{3} \cdot \frac{180}{1} = 120$$

$$\frac{1}{5} \cdot \frac{120}{1} = 24 \text{ students}$$

$$\frac{4}{5} \cdot \frac{1}{3} = \frac{2}{5} \text{ of a 1b.}$$

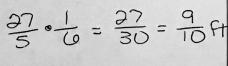
50 · 4 = 5 A



7. Nora is planting flowers. Her garden is 3 ft long and wide enough for one flower. She is going to plant a flower every 4 inches, including one at both ends of the garden. If 2/5 of her flowers are red, how many are red?

12.3=36.4=9

8. Six people share ½ lb of chocolate evenly. How much will each person get?



9. Charlene has a piece of wood that

is 5% ft long. She needs a piece that

of the piece of wood she needs?

is % of this length. What is the length



**ANSWERS:** 

A.  $\frac{1}{12}$  B.  $\frac{2}{5}$  C.  $\frac{4}{15}$  D. 24 E. 4 F.  $\frac{5}{8}$  G.  $\frac{3}{4}$  H.  $\frac{9}{10}$  I.  $\frac{1}{8}$ 

9+1=10

10.3 = 4 red flour