SCHOLASTIC
DynaMath

NAME _____

Multiply and Divide With Models

Read each story problem below. Use models to represent your solving.

32 ÷ 8 = 4

Tape Diagram
32

| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Array

Equal Groups

1 A sports store has 45 extra baseballs to donate to the town's baseball league. There are 5 teams in the league. If the baseballs are shared equally, how many balls will each team get?

2 A pizza shop delivers 70 pizzas to the third grade. Each class gets 7 pizzas. How many classes are there?

3 A local charity donates 3 blankets for each person at a shelter. There are 12 people in the shelter. How many blankets did the charity donate?

4 During the holidays, a school helps 8 food drives by giving them 5 frozen turkeys each. How many turkeys did the school give in all?

5 A group of 6 students volunteer to pick up litter for a combined 54 hours. With the hours divided equally among them, how much time did each student volunteer?

6 A boy visits a retirement home to spend time with the people who live there. He spends 3 hours at the home each day for a total of 8 days. How many hours did he visit in all?

7 A school collects 36 backpacks to donate to 9 families. If they are distributed equally, how many backpacks will each family receive?

8 A homeless shelter feeds 11 people 3 meals per day. What is the total number of meal servings it gives out in one day?

BONUS: Create a story problem for the tape diagram below. Solve using a division or multiplication equation.

| 7 | 7 | 7 | 7 | 7 | 7 |