Name _____ Date _____ Period _____

LESSON 3-1 · WARM-UP

Warm-Up Practice

Understand Ratios

THE MOVE

what this page practices

Add the parts to find the total

Count each part. Add the parts together. That sum is the whole group.

Write one part as a fraction of the total

The part goes on top. The total goes on the bottom.

WORKED MODEL

we do this one together

Step 1	3 dogs and 5 cats.
Step 2	Total animals = 3 + 5 = _____
Step 3	Part that are dogs = _____
Step 4	Dogs as a fraction of all the animals = _____

YOUR TURN

8 items · about 10 minutes

1. 4 red pens and 6 blue pens. How many pens in all? _____ Red pens as a fraction of all the pens: _____

ANSWER _____

2. 5 apples and 3 oranges. How many pieces of fruit in all? _____ Apples as a fraction of all the fruit: _____

ANSWER _____

3. 7 cars and 5 trucks. How many vehicles in all? _____ Trucks as a fraction of all the vehicles: _____

ANSWER _____

4. A team has 6 girls and 9 boys. How many players in all? _____ Girls as a fraction of the team: _____

ANSWER _____

5. A bag holds 2 red cubes, 3 green cubes, and 5 yellow cubes. How many cubes in all? _____ Green cubes as a fraction of all the cubes: _____

ANSWER _____

6. A page has 8 squares. 3 of them are shaded. Shaded as a fraction of the page: _____ Not shaded as a fraction of the page: _____

ANSWER _____

7. A class has 20 students in all. 12 of them are girls. How many are boys? _____ Boys as a fraction of the class: _____

ANSWER _____

8. A recipe uses 3 cups of flour and 2 cups of water. How many cups in all? _____ Flour as a fraction of the whole mixture: _____

ANSWER _____