

Name: _____

Date: _____

Fall Ratio Tables

Ratios & Rates • 6th Grade Math



Directions: A ratio table keeps two amounts in the same ratio. Multiply (or divide) BOTH rows by the same number to fill in each blank.

Example — Apple cider punch: 2 cups cider for every 3 cups sparkling water

Cups cider	2	4	6	8
Cups water	3	6	9	12

***2, *3, *4 ...
both rows!**

1. Pumpkin muffins: 3 eggs for every 2 cups of flour

Eggs	3	6		12	
Cups of flour	2		6		10

2. Leaf collection: 5 red leaves for every 4 yellow leaves

Red leaves	5	10		20	
Yellow leaves	4		12		24

3. Hot cocoa: 1 scoop of cocoa for every 6 ounces of milk

Scoops	1	2		5	
Ounces of milk	6		24		60

4. Hayride: 7 riders fit in every wagon

Wagons	1		3		8
Riders	7	14		35	

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Ratio Word Problems

Ratios & Rates • 6th Grade Math



Directions: Solve each problem. Make a ratio table or a tape diagram to show your thinking. Label your answers.

5. A bakery uses 4 cups of sliced apples for every 1 pie. How many cups of apples are needed for 6 pies?

Answer: _____

6. At the corn maze there are 3 adults for every 8 kids. If 24 kids go in, how many adults go in?

Answer: _____

7. A farm stand sells pumpkins and gourds in a ratio of 2 : 5. It has 35 pumpkins and gourds in all. How many are pumpkins?

Answer: _____

8. 12 apples cost \$6. What is the unit price (cost of 1 apple)? How much would 20 apples cost?

Answer: _____

Fall Ratio Tables – Answers

1. Pumpkin muffins: 3 eggs for every 2 cups of flour

Eggs	3	6	9	12	15
Cups of flour	2	4	6	8	10

2. Leaf collection: 5 red leaves for every 4 yellow leaves

Red leaves	5	10	15	20	30
Yellow leaves	4	8	12	16	24

3. Hot cocoa: 1 scoop of cocoa for every 6 ounces of milk

Scoops	1	2	4	5	10
Ounces of milk	6	12	24	30	60

4. Hayride: 7 riders fit in every wagon

Wagons	1	2	3	5	8
Riders	7	14	21	35	56

5. 24 cups

6. 9 adults

7. 10 pumpkins (and 25 gourds)

8. \$0.50 per apple; 20 apples cost \$10.00