Lesson 3.7 Practice: Fraction Word Problems

School Launch · Pre-Algebra · Unit 3: Fractions · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Ruth picked 72 apples and gave $\frac{2}{3}$ of them to a neighbor. How many apples did Ruth give away? EASY

2. Isaac picked 24 apples and gave $\frac{5}{6}$ of them to a neighbor. How many apples did Isaac give away? EASY

3. Abigail picked 48 apples and gave $\frac{5}{6}$ of them to a neighbor. How many apples did Abigail give away? EASY

4. A recipe for bread uses $\frac{1}{2}$ cup of honey and $\frac{5}{8}$ cup of molasses. How many cups of sweetener is that in all? MEDIUM

5. A recipe for bread uses $\frac{1}{4}$ cup of honey and $\frac{5}{8}$ cup of molasses. How many cups of sweetener is that in all? MEDIUM

6. A recipe for bread uses $\frac{1}{4}$ cup of honey and $\frac{1}{2}$ cup of molasses. How many cups of sweetener is that in all? MEDIUM

7. A recipe for bread uses $\frac{1}{2}$ cup of honey and $\frac{1}{2}$ cup of molasses. How many cups of sweetener is that in all? MEDIUM

8. Naomi has a board $8\frac{1}{2}$ feet long and cuts pieces $\frac{1}{2}$ foot long. How many whole pieces can Naomi cut, and how much board is left over? HARD

9. Josiah has a board $5\frac{3}{4}$ feet long and cuts pieces $\frac{3}{8}$ foot long. How many whole pieces can Josiah cut, and how much board is left over? HARD

10. Isaac has a board $5\frac{3}{4}$ feet long and cuts pieces $\frac{3}{4}$ foot long. How many whole pieces can Isaac cut, and how much board is left over? HARD