ALBERT

Name _____ Date _____

Fraction Word Problems Worksheet

Grade 4 · Common Core 4.NF.B.3d

> Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators, e.g., by using visual fraction models and equations to represent the problem.

Practice

Builds the skill step by step.

1. Ana ate $\frac{2}{8}$ of a pizza and Ben ate $\frac{3}{8}$ of the same pizza. What fraction of the pizza did they eat together?

2. A trail is $\frac{7}{10}$ of a mile long. Ray has walked $\frac{4}{10}$ of a mile. How much farther does he have to walk?

3. A bottle holds $\frac{3}{4}$ of a liter of juice. Kai drinks $\frac{1}{4}$ of a liter. How much juice is left?

4. Kim painted $\frac{2}{6}$ of a fence on Monday and $\frac{3}{6}$ of it on Tuesday. Which equation finds p, the part she painted in all?

   A. $\frac{3}{6} - \frac{2}{6} = p$

   B. $\frac{2}{6} + \frac{3}{6} = \frac{5}{12}$

   C. $2 + 3 = p$

   D. $\frac{2}{6} + \frac{3}{6} = p$

5. In a class, $\frac{5}{12}$ of the students walk to school and $\frac{4}{12}$ ride the bus. What fraction of the class walks or rides the bus?

6. Ana has a ribbon $\frac{9}{10}$ of a meter long. She uses $\frac{6}{10}$ of a meter. How much is left?

7. Leo read $\frac{1}{5}$ of a book on Monday and $\frac{2}{5}$ on Tuesday. What fraction of the book has he read?

8. A bag holds $\frac{7}{8}$ of a pound of nuts. Mo eats $\frac{2}{8}$ of a pound. How much is left?

9. Which question is answered by $\frac{5}{6} - \frac{2}{6}$?

   A. Jo had 5 cakes and 6 friends. How much does each get?

   B. Jo ate $\frac{5}{6}$ of a cake and $\frac{2}{6}$ of another. How much did she eat?

   C. Jo had $\frac{5}{6}$ of a cake and ate $\frac{2}{6}$ of the cake. How much is left?

   D. Jo cut a cake into 5 pieces and ate 2. How many are left?

10. Raj ran $\frac{3}{4}$ of a mile and then walked $\frac{3}{4}$ of a mile. How far did he go in all?

ALBERT

Name _____ Date _____

Fraction Word Problems Worksheet

Grade 4 · Common Core 4.NF.B.3d

On Level

Grade-level practice.

1. A pizza is cut into 8 equal slices. Jo ate $\frac{3}{8}$ of it and Ty ate $\frac{2}{8}$. What fraction of the pizza is left?

2. A recipe uses $2\frac{3}{4}$ cups of flour and $1\frac{2}{4}$ cups of sugar. How many cups is that in all?

3. A trail is $5\frac{1}{10}$ miles long. Nia has walked $2\frac{6}{10}$ miles. How much farther does she have to go?

4. Max needs $\frac{6}{8}$ of a yard of ribbon. He has $\frac{3}{8}$ of a yard. Which equation finds r, how much more he needs?

   A. $\frac{6}{8} + \frac{3}{8} = r$

   B. $\frac{3}{8} + r = \frac{6}{8}$

   C. $\frac{3}{8} - \frac{6}{8} = r$

   D. $r - \frac{3}{8} = \frac{6}{8}$

5. In a garden, $\frac{5}{12}$ is tomatoes and $\frac{4}{12}$ is beans. The rest is flowers. What fraction of the garden is flowers?

6. A water tank is $\frac{4}{5}$ full. The farm uses $\frac{1}{5}$ of the tank in the morning and $\frac{2}{5}$ in the afternoon. What fraction of the tank is still full?

7. Ella practiced piano for $1\frac{2}{3}$ hours on Saturday and $2\frac{2}{3}$ hours on Sunday. How long did she practice in all?

8. Cam bought a 3-pound bag of apples. He used $1\frac{1}{4}$ pounds in a pie. How many pounds are left?

9. Ty rode his bike $\frac{7}{10}$ of a kilometer. Mo rode $\frac{4}{10}$ of a kilometer. How much farther did Ty ride?

10. Lia jogged $2\frac{3}{8}$ miles and then walked $1\frac{7}{8}$ miles. Between which two whole numbers is the total distance?

    A. 4 and 5

    B. 3 and 4

    C. 5 and 6

    D. 2 and 3

Fraction Word Problems Worksheet

Grade 4 · Common Core 4.NF.B.3d

Challenge

Multi-step and word problems that stretch it.

1. A rope is $6\frac{2}{5}$ meters long. Gus cuts off two pieces that are each $1\frac{3}{5}$ meters long. How much rope is left?

2. Pia had $3\frac{1}{6}$ cups of rice. She used $\frac{5}{6}$ of a cup, then $1\frac{1}{6}$ cups. How much rice is left?

3. Ben walked $1\frac{3}{4}$ miles. Kat walked $\frac{3}{4}$ of a mile more than Ben. How far did they walk together?

4. A recipe needs $2\frac{1}{3}$ cups of milk. Rosa has $1\frac{2}{3}$ cups. How much more milk does she need?

5. Sam says, "I ate $\frac{1}{2}$ of my sandwich and $\frac{1}{2}$ of Rae's sandwich, so I ate 1 whole sandwich." When is he right?

   A. Never, because you can't add halves.

   B. Only if he ate the halves at the same time.

   C. Only if the two sandwiches are the same size.

   D. Always, because $\frac{1}{2} + \frac{1}{2} = 1$.

6. It rained $\frac{3}{10}$ of an inch on Monday, $\frac{5}{10}$ of an inch on Tuesday and $\frac{4}{10}$ of an inch on Wednesday. How much did it rain in all?

7. A jar is $\frac{7}{8}$ full of water. Dee pours out $\frac{3}{8}$ of the jar, then pours in $\frac{2}{8}$ of the jar. How full is the jar now?

8. One board is $4\frac{5}{12}$ feet long. Another is $3\frac{9}{12}$ feet long. How much longer is the first board?

9. Lee wants to run 5 laps. He has run $2\frac{3}{4}$ laps. How many more laps does he need to run?

10. Art class met for $1\frac{1}{4}$ hours on Monday and $1\frac{3}{4}$ hours on Wednesday. How many hours did it meet in all?