QUIZIZZ Worksheets

Name

**Fractions: Mixed Operations Word Problems**

Class

Total questions: 25

Worksheet time: 2hrs 0mins

Date

Instructor name: Ms. Cherie In Canania

1. Emily bought the following amounts of fruit at a fruit stand:
   0.75 pounds of grapes
   0.5 pounds of bananas
   1.25 pounds of apples

   How much did her fruit weigh altogether?

   a) 25.0 pounds
   b) 2.50 pounds
   c) 0.25 pounds
   d) 2.05 pounds

2. Sam uses 1 1/4 ounces of ham on each sandwich. If he makes 4 1/2 sandwiches, how much ham will he use?

   a) 5
   b) 4 5/8
   c) 5 5/8
   d) 5 3/4

3. Simon has 1/5 of a gallon of cranberry juice, 1/3 of a gallon of apple juice, and 7/10 of a gallon of grape juice. How much juice does Simon have?

   a) 1/2
   b) 1 7/30
   c) 9/30
   d) 1 13/30

4. Beth had 3 and 1/4 cups of milk. She used 1 and 3/4 cups of the milk to bake a cake. How many cups of milk does Beth have left?
   What operation do you use to solve this problem?

   a) Add
   b) Subtract
   c) Divide
   d) Multiply

5. Solve this problem:
   Beth had 3 and 1/4 cups of milk. She used 1 and 3/4 cups of the milk to bake a cake. How many cups of milk does Beth have left?

   a) 5
   b) 1 and 6/7
   c) 1 and 1/2
   d) 5 and 11/16

6. A recipe for muffins calls for 3/4 cup of flour. Carlito is making 6 batches of muffins. How much flour does he need?
   What operation do you do to solve this problem?

   a) Multiply
   b) Add
   c) Subtract
   d) Divide

7. Solve this problem:
   A recipe for muffins calls for 3/4 cup of flour. Carlito is making 6 batches of muffins. How much flour does he need?

   a) 8
   b) 6 and 3/4
   c) 4 and 1/2
   d) 5 and 1/4

8. Mr. Richie's and Mrs. Madison's 5th grade classes each have the same number of students. During lunch, 5/8 of Mr. Richie's class and 3/5 of Mrs. Madison's class purchased a school lunch. How much more of Mr. Richie's class bought a school lunch?
   What operation do you use to solve this problem?

   a) Multiply
   b) Subtract
   c) Add
   d) Divide

9. Solve this problem:
   Mr. Richie's and Mrs. Madison's 5th grade classes each have the same number of students. During lunch, 5/8 of Mr. Richie's class and 3/5 of Mrs. Madison's class purchased a school lunch. How much more of Mr. Richie's class bought a school lunch?

   a) 1 and 11/24
   b) 1 and 9/40
   c) 1/40
   d) 3/8

10. Penny raked 3/5 of her yard on Saturday and 1/3 of her yard on Sunday. How much of her yard did she rake?
What operation do you use to solve this problem?

a) Multiply
b) Subtract
c) Add
d) Divide

11. A dog's food bowl holds 2 cups of dog food. Pete uses a scoop that holds 1/3 of a cup of dog food. How many scoops will it take for Pete to fill the dog bowl?
What operation do you use to solve this problem?

a) Add
b) Divide
c) Multiply
d) Subtract

12. A dog's food bowl holds 2 cups of dog food. Pete uses a scoop that holds 1/3 of a cup of dog food. How many scoops will it take for Pete to fill the dog bowl?
What operation do you use to solve this problem?

a) Divide
b) Subtract
c) Add
d) Multiply

13. Solve this problem:
A dog's food bowl holds 2 cups of dog food. Pete uses a scoop that holds 1/3 of a cup of dog food. How many scoops will it take for Pete to fill the dog bowl?

a) 6
b) 2/3
c) 1 and 2/3
d) 2 and 1/3

14. How many ¼ cup servings are in ⅝ cup?

a) 5/32
b) 2½
c) ⅞
d) ⅜

15. A team of runners is needed to run a $^1/_4$ mile relay race . If each runner must run $^1/_{16}$ mile. How many runners do they need to run the race?

a) 4
b) 2
c) 1/64
d) 5

16. Seven people want to share three pints of ice cream equally. How many pints of ice cream should each person get?

a) 7/3
b) 1/7
c) 3/7
d) 1/3

17. Valerie bought a 9 ft piece of ribbon from which she wants to cut into 2/3 ft pieces. How many 2/3 ft pieces can Valerie cut?

a) 9
b) 13
c) 6
d) This is not possible.

18. Bradley had 1/2 of a pizza pie left over from a party. The next day he ate 3/5 of his leftovers. How much pizza did he eat the next day?

a) 4/7
b) 4/5
c) 3/10
d) 3/7

19. In Maddie's garden, 1/3 of her plants are tomatoes. Of those tomatoes, 2/5 of them are ripe. What fraction of the plants are ripe tomatoes?

a) 3/8
b) 3/15
c) 2/8
d) 2/15

20. Find the product of 3⅛ and 5⅓.

a) 16 2/3
b) 17 2/3
c) 17 1/3
d) 16 1/3

21. Find the quotient of 8/12 and 3.

a) 2
b) 8/25
c) 2/9
d) 8/35

22. An amusement park sold 6 $\frac{4}{5}$ gallons of soda. 2 $\frac{1}{5}$ gallons were regular soda, and the rest was diet soda. How many gallons of diet soda were sold?

a) 8 $\frac{5}{5}$ gallons

b) 8 $\frac{3}{5}$ gallons

c) 9 gallons

d) 4 $\frac{3}{5}$ gallons

23. A family bought 11 $\frac{2}{12}$ pounds of potatoes. They used 7 $\frac{10}{12}$ pounds of it. How much is left?

a) 4 $\frac{4}{12}$ pounds

b) 18 $\frac{12}{12}$ pounds

c) 4 $\frac{8}{12}$ pounds

d) 3 $\frac{4}{12}$ pounds

24. A pitcher of water contains 1/4 liters of water. The water is poured equally into 5 glasses.

What expression would match the story problem?

a) 1/4 ÷ 5

b) 5 ÷ 1/4

25. Jack ordered four pizzas for a birthday party. The pizzas were cut in eighths. How many slices were there?

Which expression matches the story problem?

a) 1/8 ÷ 4

b) 4 ÷ 1/8