

# Fractions Multiplying and Dividing PROBLEM SOLVING

## ↗ Math Task Cards

MULTIPLY and divide Problem Solving

The Pet Store owner adds  $\frac{1}{4}$  teaspoon of fish food per day, for each fish in the aquarium. If there were 26 fish, how many teaspoons of fish food would he use?

MULTIPLY and divide Problem Solving

Each day, Mrs. Howard added  $\frac{2}{3}$  Tbsp. protein mix to her morning smoothie. How much protein mix would she use in one week?

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MULTIPLY and divide Problem Solving

After the birthday party there was  $\frac{2}{5}$  of a cake left. If a family of 4 split it evenly, how much would each person get?

MULTIPLY and divide Problem Solving

Grandma popped 3 bags of popcorn for movie night. If there were 5 people at her house, how much would each person get if they ate the same amount?

4

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MULTIPLY and divide problem solving

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1

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multiply and divide problem solving

Connor likes to jog every day. For every mile that he jogs, he drinks  $3 \frac{1}{4}$  oz. of water. How much water would he drink if he ran 8 miles?

5

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multiply and divide problem solving

The Groovy Coffee Shop makes a delicious hot chocolate. For every hot chocolate, they add  $3 \frac{2}{6}$  oz. of whipped cream. If they made 6 hot chocolates, how much whipped cream would they use?

6

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Michael's mom was taking  $2 \frac{1}{2}$  watermelons to the company picnic. If there were 50 people there, how much watermelon would each person get?

7

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After school, Maria and her sister wanted to have pretzels dipped in Nutella. Since there was only  $\frac{5}{9}$  of a container of Nutella left, how much Nutella could each sister have?

8

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The Dee-Lish Bakery adds  $\frac{1}{4}$  cup oil to all of its cakes. How many cakes can they make if they have 8 cups of oil?

9

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At the kite company, each kite frame takes  $5\frac{3}{5}$  feet of wood. How much wood do they need for 10 kites?

10

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Brett was making potato cheese soup. For every cup of soup, he added  $\frac{3}{12}$  cup of cheddar cheese. How much cheese would he add for 6 cups of soup?

11

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Quinn made a pan of cinnamon rolls. After sharing some with her neighbor's, she had  $\frac{3}{5}$  of a pan left. If six people shared the cinnamon rolls, how much would each person get?

12

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Recording Sheet: Multiply and Divide Problem Solving Name: \_\_\_\_\_

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17.	18.	19.	20.
21.	22.	23.	24.

PREVIEW

25.	26.	27.	28.
29.	30.	31.	32.

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PREVIEW

Answer Key

1. $6 \frac{1}{2}$ tsp.	2. $\frac{1}{10}$ of the cake	3. $4 \frac{2}{3}$ Tbsp.	4. $\frac{3}{5}$ of a bag
5. 26 oz.	6. 20 oz.	7. $\frac{1}{20}$ of a watermelon	8. $\frac{5}{18}$ of a jar of Nutella
9. 32 cakes	10. 56 feet	11. $1 \frac{1}{2}$ cups	12. $\frac{1}{10}$ of a pan
13. $\frac{3}{4}$ cup	14. 20 cups	15. $\frac{3}{16}$ of a page	16. $\frac{5}{42}$ of an acre
17. 4 cups	18. $\frac{1}{9}$ of a pie	19. 10 days	20. $10 \frac{1}{2}$ Tbsp.
21. $\frac{1}{8}$ gallon	22. $\frac{3}{40}$ of a cake	23. $\frac{5}{66}$ of the beads	24. 15 bananas
25. 36 sundaes	26. $16 \frac{1}{3}$ oz.	27. 12 cups of water	28. $\frac{4}{50}$ or $\frac{2}{25}$ gal.
29. $2 \frac{1}{4}$ cups	30. 12 days	31. $2 \frac{1}{2}$ cups	32. $\frac{1}{20}$ of the garden