

DIGITAL PUZZLES

MULTIPLY FRACTIONS BY WHOLE NUMBERS

GRADE

5

3

$13\frac{1}{2}$

$2\frac{1}{2}$

6. Eva's iced latte recipe calls for $\frac{2}{3}$ cup of whole milk and 1 cup of skim milk. If she triples the recipe, how much total milk will she need?
_____ cups

$1\frac{3}{8}$

56

7. Emily runs three and a half miles each day. Yan runs $\frac{2}{3}$ times as far each day. How far does Yan run each day?
_____ miles

8. A computer screen has a length of $12\frac{1}{2}$ inches and a width of $6\frac{1}{2}$ inches. What is the area of the computer screen?
_____ inches

9. Zoe's Greek chicken recipe calls for $\frac{3}{4}$ cup of green olives and $\frac{1}{2}$ cup of black olives. If she makes half the recipe, how many total cups of olives will she need?
_____ cups

14

5

10. Aimee runs three-fourths of a mile each day. Tony runs twice as far each day. How far did Tony run each day?
_____ miles

11. Jaelyn is selling cupcakes. She received 42 orders today. $\frac{2}{6}$ of the orders were for red velvet cupcakes. How many orders were for red velvet cupcakes?
_____ orders

12. Stella's salsa recipe calls for $1\frac{1}{8}$ cup of chopped red onions and $\frac{3}{4}$ cup of chopped white onions. If she makes half the recipe, how many total cups of chopped onion will she need?
_____ cups

$81\frac{1}{4}$

$1\frac{1}{2}$

$15\frac{1}{16}$

$5\frac{5}{8}$

$2\frac{1}{3}$

Check



SELF-CHECKING | NO PREP

USE ON ANY DEVICE

WITH AN INTERNET CONNECTION!

3 PUZZLES:

✓ EASY

✓ MEDIUM

✓ HARD

1. Match the area model to the correct problem and solution.

2. Match the area model to the correct problem and solution.

3. Match the area model to the correct problem and solution.

4. Match the area model to the correct problem and solution.

5. Match the area model to the correct problem and solution.

6. Match the area model to the correct problem and solution.

7. Match the area model to the correct problem and solution.

8. Match the area model to the correct problem and solution.

9. Match the area model to the correct problem and solution.

10. Match the area model to the correct problem and solution.

11. Match the area model to the correct problem and solution.

12. Match the area model to the correct problem and solution.

Check

1. Find the area of this square.

$\frac{3}{4}$ ft

2. Find the area of this rectangle.

2 ft

$\frac{7}{8}$ ft

3. Find the area of this rectangle.

$\frac{2}{3}$ ft

3 ft

4. Match the area model to its problem and correct solution.

5. Match the area model to its problem and correct solution.

6. Match the area model to its problem and correct solution.

7. Javi's garden has a length of $\frac{7}{8}$ yards and a width of $\frac{6}{8}$ yards. What is the area of the garden in yards?

8. Maya's poster board for her science project has a length of $\frac{9}{10}$ feet and a width of $\frac{1}{2}$ feet. What is the area of the poster board in feet?

9. Kara's blanket has a length of $\frac{4}{10}$ feet and a width of $\frac{3}{8}$ feet. What is the area of the blanket in feet?

10. Uzo's cookie recipe calls for $\frac{1}{2}$ cup of butter. If she wants to double the recipe, how many cups of butter will she need?

11. Declan's ramen recipe calls for $\frac{3}{4}$ cup of broth. If he wants to triple the recipe, how many cups of broth will he need?

12. Alice's shortcake recipe calls for $\frac{1}{2}$ cup of cream. If she wants to make half the recipe, how many cups of cream will she need?

Check

1. A cross-country team is training individually over the summer. Jaime runs two miles each day, Izzy runs $\frac{1}{2}$ times as far each day. How far does Izzy run each day?

2. Amad wants to use railroad ties as borders for his garden. He has two ties that are $4\frac{1}{2}$ feet long and two ties that are 3 feet long. What would the area of his garden be?

3. Maddox's nacho recipe calls for $\frac{3}{4}$ cup of pepper jack cheese and $\frac{1}{2}$ cup of cheddar cheese. If he doubles the recipe, how much total cheese will he need?

4. Buzz runs $1\frac{1}{2}$ miles each day. Harry runs $\frac{2}{3}$ times as far each day. How far does Harry run each day?

5. There are 64 students in fourth grade. $\frac{11}{16}$ of the fourth graders chose spaghetti for lunch. How many fourth graders chose spaghetti for lunch?

6. Eva's iced latte recipe calls for $\frac{3}{4}$ cup of whole milk and 1 cup of skim milk. If she triples the recipe, how much total milk will she need?

7. Emily runs three and a half miles each day. Yan runs $\frac{2}{3}$ times as far each day. How far does Yan run each day?

8. A computer screen has a length of $12\frac{1}{2}$ inches and a width of $6\frac{1}{2}$ inches. What is the area of the computer screen?

9. Zoe's Greek chicken recipe calls for $\frac{1}{4}$ cup of green olives and $\frac{1}{2}$ cup of black olives. If she makes half the recipe, how many total cups of olives will she need?

10. Aimee runs three-fourths of a mile each day. Tony runs twice as far each day. How far did Tony run each day?

11. Jaclyn is selling cupcakes. She received 42 orders today. $\frac{2}{3}$ of the orders were for red velvet cupcakes. How many orders were for red velvet cupcakes?

12. Stella's salsa recipe calls for $1\frac{1}{2}$ cup of chopped red onions and $\frac{1}{2}$ cup of chopped white onions. If she makes half the recipe, how many total cups of chopped onion will she need?

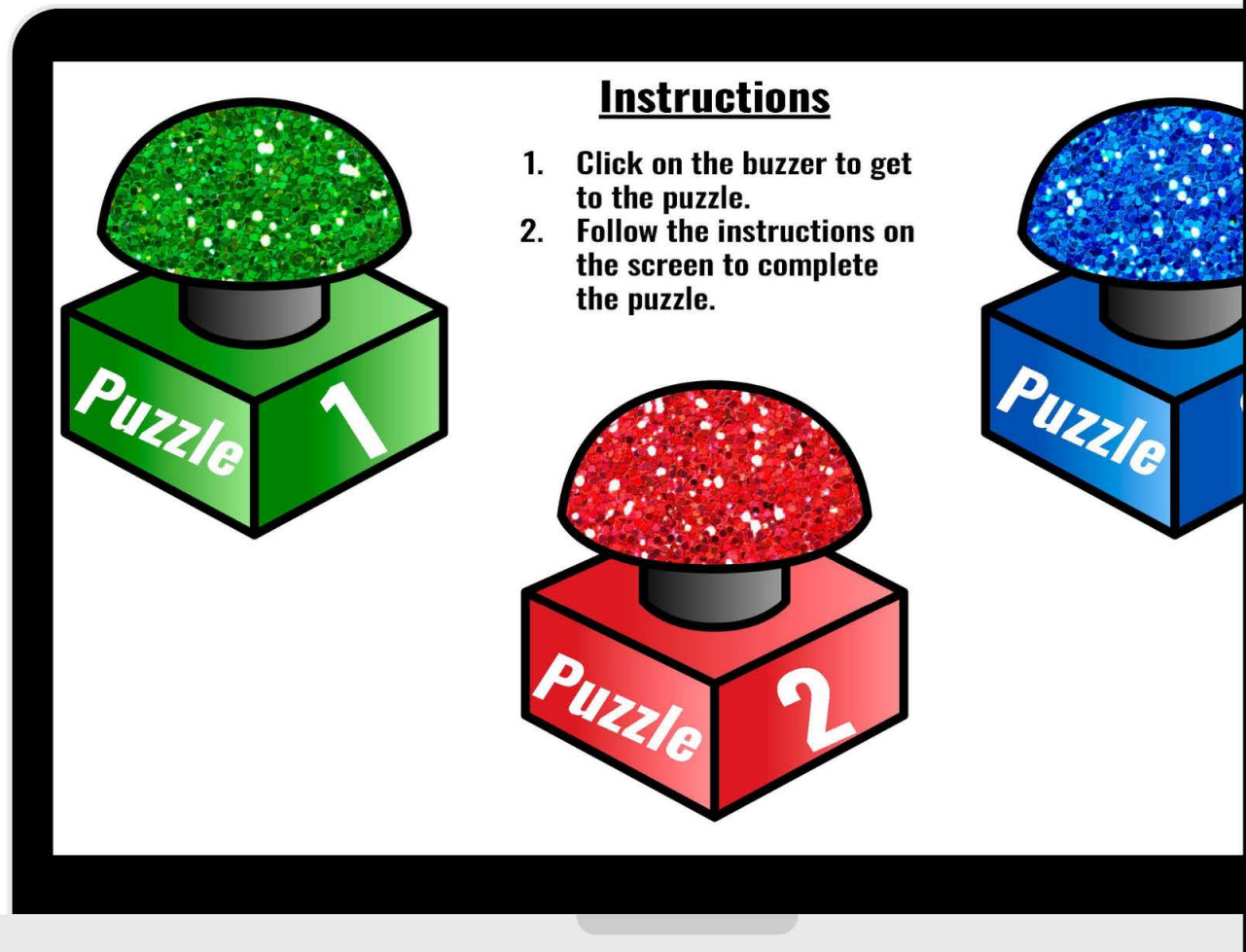
Check

INCLUDES:

- ✓ 3 NO PREP, SELF-CHECKING PUZZLES
- ✓ RECORDING SHEET FOR ACCOUNTABILITY
- ✓ TEACHER MANUAL
- ✓ TIPS & IDEAS
- ✓ ANSWER KEYS
- ✓ EMAIL SUPPORT

PARTNER WORK
SMALL GROUPS
CENTERS

EARLY FINISHERS
INDEPENDENT PRACTICE
1:1 CLASSROOMS
DISTANCE LEARNING



Fun & Engaging Practice!

- DIGITAL (NO PRINTING)
- NO PREP
- WORKS IN ANY BROWSER
- WORKS ON ANY DEVICE
- SELF-CHECKING
- IMMEDIATE FEEDBACK
- ACADEMICALLY ENGAGING



"THIS WAS AN AMAZING RESOURCE. ALL OF MY KIDS (NO MATTER THE LEVEL) WERE ABLE TO COMPLETE THIS AND SELF-CHECK UNTIL THEY'D CORRECTED ALL MISTAKES."

