

DIGITAL PUZZLES

MULTIPLY FRACTIONS WORD PROBLEMS

GRADE

5

7. When Paul makes his famous five gallon fruit punch, a quarter of it is seltzer water. How many gallons of the fruit punch is seltzer water?

8. A walking path is two and a half miles long, and you walk four sixths of it before stopping to take a break. How many miles did you walk before taking a break?

9. A muffin recipe calls for two and a half cups of flour. If you make one third of the recipe, how many cups of flour do you need?

10. When Sara makes her famous five gallon fruit punch, a tenth of it is cranberry juice. How many gallons of the fruit punch is cranberry juice?

11. A bike trail is sixteen miles long, and you bike one-twelfth of it before stopping to take a break. How many miles did you walk before taking a break?

12. A cheesecake recipe calls for one and three-fourths cups of cream cheese. If you triple the recipe, how much cream cheese do you need?

Check



SELF-CHECKING | NO PREP

USE ON ANY DEVICE

WITH AN INTERNET CONNECTION!

1. A recipe calls for $\frac{1}{2}$ cup of brown sugar. If you are going to make $\frac{3}{4}$ of a batch, how much brown sugar do you need?
___ of a cup

2. Emily's pencil is 2 inches long. Tanya's pencil is half that length. How many inches long is Tanya's pencil?
___ in

3. A package of chocolate raisins weighs 3 ounces. If Lonzo eats $2\frac{1}{2}$ packages, how many ounces of chocolate raisins has he eaten?
___ oz

4. Nick wants to make a casserole. The recipe calls for $\frac{3}{4}$ cup of cheese to make one pan of casserole, but Nick only wants to make $\frac{1}{2}$ of a pan. How much cheese does he need?
___ of a cup

5. Shay has a paper clip that is $\frac{7}{8}$ inches long. Rowan has a paper clip that is twice that length. How many inches long is Rowan's paper clip?
___ in

6. A bag of honey roasted almonds weighs 8 ounces. If Chase eats $1\frac{1}{2}$ bags, how many ounces of almonds has he eaten?
___ oz

7. Janie is mixing a sports drink for her soccer teammates. She knows that she needs $\frac{3}{4}$ cup of powder to make one batch. She only needs to make $\frac{1}{2}$ of a batch. How much powder does she need?
___ of a cup

8. Millie's marker is 6 inches long. Isla's marker is $\frac{1}{2}$ that length. How many inches long is Isla's marker?
___ oz

9. A bag of gummy worms weighs $4\frac{1}{2}$ ounces. If Alex eats 2 bags, how many ounces of gummy worms has he eaten?
___ oz

10. A banana bread recipe calls for $\frac{3}{4}$ cup of flour. If you are going to make $\frac{1}{2}$ of a batch, how much flour do you need?
___ of a cup

11. Aria's pizza stick is 5 inches long. Scarlet's pizza stick is half that length. How many inches long is Scarlet's pizza stick?
___ in

12. A bag of trail mix weighs 6 ounces. If Carson eats $3\frac{1}{2}$ bags, how many ounces of trail mix has he eaten?
___ oz

Answers: $\frac{3}{16}$, $\frac{1}{6}$, 2, 12, 9, 1, $\frac{2}{6}$ or $\frac{1}{3}$, $\frac{1}{4}$, 20, $7\frac{1}{2}$, $2\frac{1}{2}$, $1\frac{6}{8}$ or $1\frac{3}{4}$

Check

3 PUZZLES:
✓ EASY
✓ MEDIUM
✓ HARD

1. Taylor went to a theme park for 8 hours and spent $\frac{1}{2}$ of her time waiting in line. How many hours did she spend waiting in line?

2. Sam's brownie recipe calls for $2\frac{1}{2}$ cups of chocolate chips. If he wants to double his recipe, how many cups of chocolate chips does he need?

3. In Ms. Lemon's class, $\frac{2}{3}$ of the students like football. $\frac{1}{4}$ of those students like the Cleveland Browns. What fraction of the class likes football and the Cleveland Browns?

4. Daniel went to a museum for 8 hours and spent $\frac{1}{4}$ of his time visiting the dinosaur exhibit. How many hours did he spend visiting the dinosaur exhibit?

5. Fatimah's cookie recipe calls for $1\frac{1}{2}$ cups of dried cranberries. If she wants to make 2 batches, how many cups of dried cranberries does she need?

6. In Mr. Oz's class, $\frac{3}{5}$ of those students like tacos. $\frac{1}{3}$ of those students always add hot sauce to their tacos. What fraction of the class likes tacos with hot sauce?

7. Owen went to a mall for 8 hours and spent $\frac{2}{5}$ of his time at the food court. How many hours did he spend at the food court?

8. Lara's macaroni and cheese recipe calls for 4 cups of milk. If she wants to make $1\frac{1}{2}$ batch, how many cups of milk does she need?

9. In Mrs. Kowal's class, $\frac{1}{2}$ of those students wear smart watches. What fraction of the class wears watches that are smart watches?

10. Brooklyn was at Ava's house for 8 hours and spent $\frac{1}{10}$ of the time on the trampoline. How many hours did she spend on the trampoline?

11. Joel's lemon cake recipe calls for $3\frac{1}{2}$ cups of flour. If he wants to triple the recipe, how many cups of flour does he need?

12. In Mr. Erwin's class, $\frac{2}{5}$ of the students wear scarves for outside recess. $\frac{1}{3}$ of those students have striped scarves. What fraction of the class has scarves stripes with

Answers: $4\frac{3}{8}$, 2, 5, $3\frac{1}{5}$, $\frac{3}{20}$, 10, $\frac{3}{12}$ or $\frac{1}{4}$, $2\frac{2}{3}$, $\frac{7}{40}$, $\frac{8}{10}$ or $\frac{4}{5}$, 6, 1

Check

1. When Simon makes his famous five gallon fruit punch, half of it is orange juice. How many gallons of the fruit punch is orange juice?

2. A nature trail is seven miles long, and you hike a third of it before stopping to take a break. How many miles did you walk before taking a break?

3. A cake recipe calls for three and a half cups of flour. If you double the recipe, how much flour do you need?

4. When Lehi makes his famous five gallon fruit punch, a fifth of it is lime juice. How many gallons of the fruit punch is lime juice?

5. A race is ten miles long, and you run two-fifteenths of it before stopping to take a break. How many miles did you walk before taking a break?

6. A chocolate mousse recipe calls for two and a fourth cups of heavy cream. If you make half the recipe, how much heavy cream do you need?

7. When Paul makes his famous five gallon fruit punch, a quarter of it is seltzer water. How many gallons of the fruit punch is seltzer water?

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12. A cheesecake recipe calls for one and three-fourths cups of cream cheese. If you triple the recipe, how much cream cheese do you need?

Answers: 1, $5\frac{1}{4}$, 7, $1\frac{1}{8}$, $\frac{5}{6}$, $1\frac{1}{4}$, $\frac{5}{10}$ or $\frac{1}{2}$, $2\frac{1}{2}$, $1\frac{5}{15}$ or $1\frac{1}{3}$, $1\frac{2}{3}$, $2\frac{1}{3}$, $1\frac{4}{12}$ or $1\frac{1}{3}$

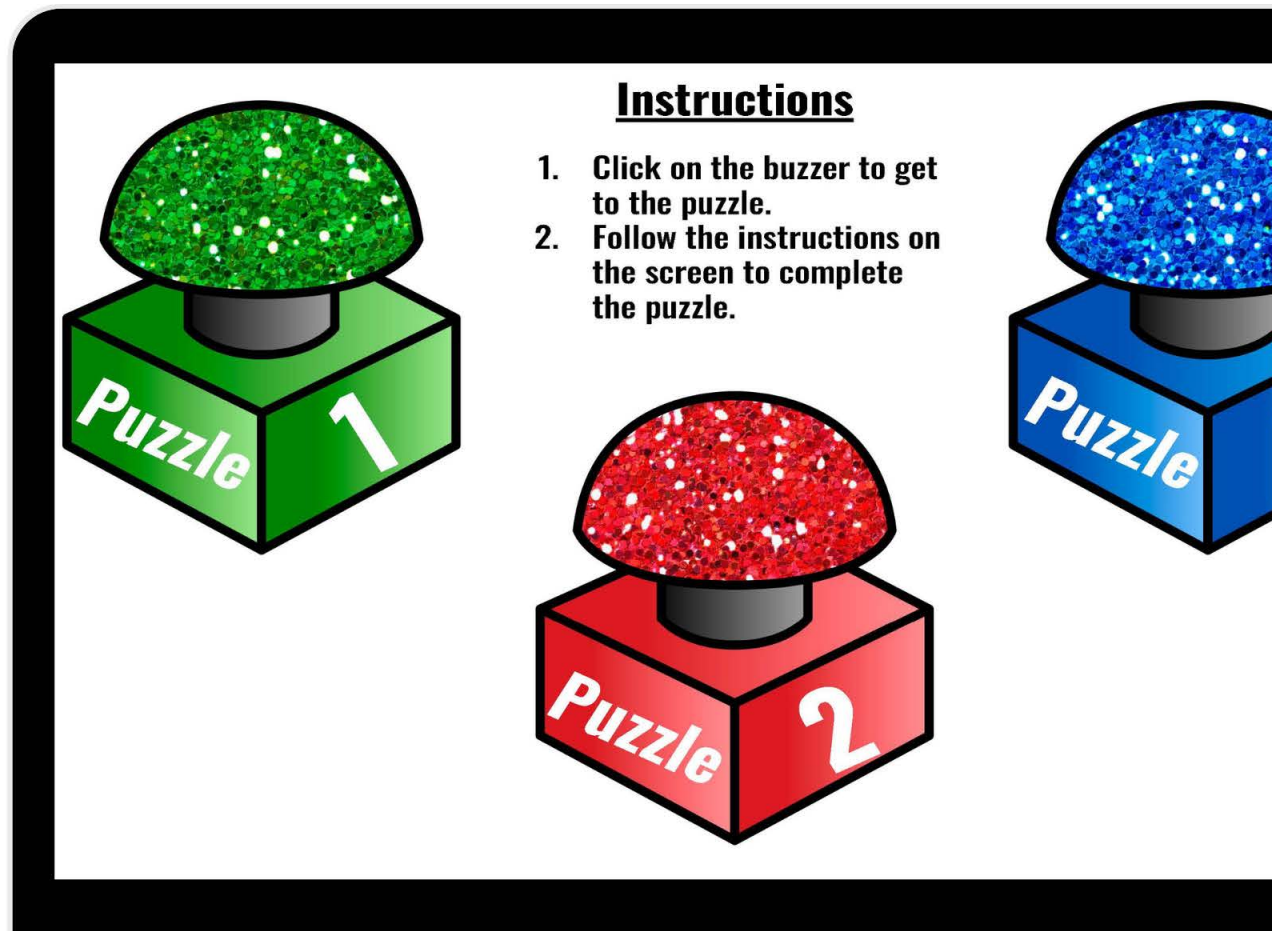
Check

INCLUDES:

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

