

MODULE

4

Operations with Fractions

Module Quiz: D

1. What is the quotient of $\frac{2}{5} \div \frac{8}{5}$?

A $\frac{1}{4}$

B $\frac{7}{13}$

C $\frac{16}{25}$

DIVISION

2. Avery's water bottle holds 300 milliliters. Dashawn's container holds $\frac{3}{4}$ as much water. How many milliliters of water do both containers hold?

A 225

B 425

C 525

① Multiplication

② Addition

3. What is the value of $\frac{3}{4} \div \frac{3}{8}$?

A $\frac{1}{2}$

B $\frac{8}{3}$

C 2

DIVISION

4. Last Saturday, Flavia walked her dog $1\frac{2}{5}$ miles. Shazell walked her dog

5 times as far. How many miles total did both girls walk their dogs?

A $6\frac{2}{5}$

B 7

C $8\frac{2}{5}$

① Multiplication

② Addition

5. What is the reciprocal of $\frac{3}{5}$?

A $-\frac{3}{5}$

B 0

C $\frac{5}{3}$

Turn it upside down!

6. Li needs 15 pieces of string each $\frac{1}{2}$ of an inch long. She cut a 6-inch piece of string into pieces that are each $\frac{1}{2}$ of an inch long. How many more pieces of string does she need?

A 3

B 6

C 12

① DIVISION

② Subtraction

7. Jenna has a piece of paper that is 84 square inches in area. It is $10\frac{1}{2}$ inches long. What is the length of the piece of paper in square inches?

A $\frac{21}{2}$

B 8

C 42

DIVISION

8. Dillon divided a $3\frac{1}{3}$ pound bag of pears among his five friends. How many pounds of pears did each friend receive?

A $\frac{2}{3}$

B 1

C 5

DIVISION

9. What is the GCF of 3 and 12?

A 3

B 6

C 12

Upside Down Birthday cake

MODULE
5

Operations with Decimals

Module Quiz: D

1. Elena spent \$2.50 on pineapple juice. Pineapple juice costs \$0.10 per ounce. How many ounces of pineapple juice did Elena buy?
 A 0.25 division
 B 2.5
 C 25
2. What is the product of 0.5 and 3.5?
 A 0.14
 B 1.75 multiplication
 C 7
3. Shaniqua can read at a speed of 50 pages per hour. She reads 275 pages one weekend. How many hours does she read?
 A 5
 B 5.5 division
 C 6
4. How many 0.5-liter glasses of water can be poured from a full 6-liter pitcher?
 A 3
 B 6
 C 12 division
5. Alvin's family used 20.5 gallons of gas to drive 492 miles. How many miles did they drive on each gallon of gas?
 A 20
 B 22
 C 24 division
6. What is 3.5 divided by 0.7?
 A 5
 B 10
 C 20 division
7. David drives 40 miles in one hour. How many miles does he drive in 1.5 hours?
 A 50
 B 60 multiplication
 C 70
8. Kyle cut a 4-foot piece of rope into pieces that are each 0.25 feet long. How many pieces of rope did he cut?
 A 1
 B 4
 C 16 division
9. Talia measured a piece of construction paper to be 6.1 inches wide by 8.2 inches long. What is the area of the piece of construction paper in square inches?
 A 14.3
 B 48.3
 C 50.02 multiplication
10. Calvin bought 20 pencils at \$0.45 each. How much change did he get from a \$10 bill?
 A \$1.00 ① multiplication
 B \$9.00 ② subtract
 C \$10.00
11. Billy drove $\frac{1}{2}$ of the 7.5 miles between his house and the mall. How many miles did he drive?
 A 3.25
 B 3.75 division
 C 4.25
12. What is the value of 0.4×0.25 ?
 A 0.1
 B 1
 C 1.6 multiplication

X Mammal ✓
5 bonus pts!