

MODULE
5**Operations with Decimal****Module Quiz: B**

- Adam spent \$3.42 on orange juice. Orange juice costs \$0.12 per ounce. How many ounces of orange juice did Adam buy?
A 25.5 C 27.5
B 26.5 **D 28.5**
- Alexis rode her bike 4.5 miles. Johnny rode his bike 8.1 miles. How many more miles did Johnny ride his bike?
A 3.6 C 4.6
B 2.7 D 12.6
- Fran reads 54 pages per hour. If she reads a total of 257 pages one weekend, how many hours to the nearest hundredth does she read?
A 4.76 C 5
B 4 D 47.59

You will need:

-WORK from review (if on separate paper).

-Write the number of problems you completed out of 21 on the top of the front page.

-Correcting pen

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- How many 0.2-liter glasses of water are contained in a 3.6-liter pitcher?
A 18 C 30
B 20 D 36
- Tomasso's family used 24.5 gallons of gas to drive 548.8 miles. How many miles did they drive for each gallon of gas?
A 20.1 C 22.8
B 22.4 D 24.5
- Phillip bought apples from the grocery for \$2.20 per pound. If he bought 2.5 pounds of apples on Monday and 1.2 pounds of apples on Tuesday, how much did he spend on apples in total?
A \$2.64 **C \$8.14**
B \$5.50 D \$8.80

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7. Amery drives 50 miles in one hour. How many miles does he drive in 2.25 hours?
 A 100 C 120
B 112.5 D 125
8. Maura cut a 5.25-inch piece of string into pieces that are each 0.75 inches long. How many pieces of string did she cut?
 A 6 C 8
B 7 D 9
9. ~~Shafiq~~ measured a piece of construction paper to be 6.75 inches wide by 8.25 inches long. What is the area of the piece of construction paper in square inches?
 A 48.1875 C 55.5125
 B 49.01 **D 55.6875**

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10. Connor bought 40 pencils for \$0.35 each. Mara bought 70 pencils at the same price. How much more money did Mara spend?
 A \$3.50 C \$14.00
B \$10.50 D \$24.50
11. Clayton biked $\frac{3}{8}$ of the 14.5 miles between his house and the beach. How many miles does he still need to bike before he reaches the beach?
 A 5.4375 **9.0625** C 9.0625
 B 7.25 D 9.125
12. Veri made \$25 babysitting. If she makes \$8 an hour, how many hours did she babysit?
 A 3 C $3\frac{1}{12}$
B $3\frac{1}{8}$ D 4

$$\frac{3}{8} \text{ of } 14.5$$

$$0.375 \times 14.5$$

$$\begin{array}{r} 0.375 \\ \times 14.5 \\ \hline 1875 \\ 15000 \\ 50000 \\ \hline 54375 \end{array}$$

$$8 \overline{) 3.000}$$

$$\begin{array}{r} 0.375 \\ 8 \overline{) 3.000} \\ \underline{24} \\ 60 \\ \underline{56} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

$$14.5 - 5.4375 = 9.0625$$

$$\begin{array}{r} 14.5000 \\ - 5.4375 \\ \hline 9.0625 \end{array}$$

$$14.5 \div 8 = 1.8125$$

$$\begin{array}{r} 14.5000 \\ \underline{5.4375} \\ 9.0625 \end{array}$$

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13. Joshua earns \$8.20 per hour when he works at the college library. How much money does he earn by working at the library for 4.5 hours?

\$36.90

$$\begin{array}{r} 4 \\ \overline{) 36.9} \\ \underline{32} \\ 49 \\ \underline{45} \\ 40 \\ \underline{36} \\ 40 \\ \underline{36} \\ 40 \end{array}$$

$$5 \overline{) 40.8}$$

14. Indira's Clothing Shop Orders

Item	Quantity	Price
T-shirt	50	\$392.50
Sweater	25	\$440.25

Indira can order T-shirts and sweaters at the prices and quantities shown in the table. By how much does the price of one sweater exceed the price of one T-shirt?

\$9.76

$$0.8 \times 80 = 64.00$$

$$\begin{array}{r} 392.00 \\ - 64.00 \\ \hline 328.00 \end{array}$$

15. Karl rode his bicycle $\frac{3}{8}$ of the distance from Lakeview to Bay Cove, which is 24.1 miles. How many more miles does he need to ride to complete his trip?

15.0625 mi

$$\begin{array}{r} 7.75 \\ + 7.75 \\ \hline 15.50 \end{array} \quad \left. \vphantom{\begin{array}{r} 7.75 \\ + 7.75 \\ \hline 15.50 \end{array}} \right\} 2 \text{ hr.}$$

16. Jordan saved $\frac{4}{5}$ of the amount he needs to buy a \$80 video game. If he earns \$7.75 per hour by working at a pizza shop, how many hours does he need to work to save the rest of the money for the video game? (Round to the nearest hour.)

3 hr

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17. Emma is saving to buy a video game console that costs \$249. She already saved \$60 and plans to save \$22 per week. After how many weeks will she have saved enough money for the video game console?

9 weeks

$$\begin{array}{r} \text{cost} \quad 16 \overline{) \text{cost}} \\ 16 \\ \underline{24} \\ 90 \\ \underline{80} \\ 108 \\ \underline{96} \\ 120 \\ \underline{112} \\ 80 \end{array}$$

$$24 \overline{) 249.00}$$

$$18 \overline{) 153}$$

$$\begin{array}{r} 80 \\ 18 \overline{) 153.00} \\ \underline{144} \\ 90 \\ \underline{90} \\ 0 \end{array}$$

18. Colin earned \$46 raking leaves. If he worked 1.5 hours yesterday and 4.25 hours today, how much did he earn per hour?

\$8 per hour

19. At the market, 2.4 pounds of carrots cost \$1.68 and 1.8 pounds of broccoli cost \$1.53. How much more does 1 pound of broccoli cost than 1 pound of carrots?

\$0.15

$$\begin{array}{r} 0.85 \\ - 0.70 \\ \hline 0.15 \end{array}$$

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20.

Food Prices

Item	Price (per pound)
Beef	\$11.99
Chicken	\$6.49

The prices of different items at a food market are shown in the table above. Kevin wants to purchase 2.5 pounds of beef and 1.8 pounds of chicken. How much does he spend?

\$41.66

$$\begin{array}{r}
 11.99 \\
 \times 2.5 \\
 \hline
 5995 \\
 23980 \\
 \hline
 29.975 \\
 \approx 29.98
 \end{array}$$

$$\begin{array}{r}
 6.49 \\
 \times 1.8 \\
 \hline
 5192 \\
 6490 \\
 \hline
 11.682 \\
 \approx 11.68 \\
 + 29.98 \\
 \hline
 \boxed{\$41.66}
 \end{array}$$

21. Naomi drank $\frac{3}{4}$ of a 20.8-ounce container of apple juice. How many ounces of apple juice did Naomi drink?

15.6 oz

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TEST tomorrow!

Spiral Review 4 Corrections due tomorrow

Spiral Review 5 Due tomorrow

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