

PSA

Lesson Practice

Choose the correct answer.

1. Gabrielle has made 3 payments of \$45 to pay off a loan of \$175. How much does she still owe on the loan?
 - A. \$35
 - B. \$40
 - C. \$45
 - D. \$135
2. Tickets to a community concert cost \$12 for adults. Tickets for children under 12 cost $\frac{2}{3}$ the price of an adult ticket. What is the total cost for 2 adult and 2 children?
 - A. \$20
 - B. \$32
 - C. \$36
 - D. \$40
3. Jon's car averages 24.3 miles per gallon in the city and 8.2 more miles per gallon on the highway. About how many gallons of gas will Jon's car use on a 260 mile highway trip?
 - A. 8 gallons
 - B. 11 gallons
 - C. 15 gallons
 - D. 32 gallons
4. A gear revolves around its axis at a rate of 400 revolutions per minute. Which statement is **not** supported by this information?
 - A. The gear will revolve around its axis 8,000 times in 20 minutes.
 - B. The gear will revolve around its axis 4,000 times in 10 minutes.
 - C. The gear will revolve around its axis 12,000 times in 3 hours.
 - D. The gear will revolve around its axis 24,000 times in 1 hour.
5. Brooke uses original images to design banners. She is paid a flat fee of \$150 for each banner. In addition, she is paid \$10 for each original image she includes on the banner. Which can be used to find the amount Brooke should be paid for designing a banner with 12 original images?
 - A. Add 12 to 10 and then multiply the sum by 150.
 - B. Multiply 150 by 12 and then add 10 to the product.
 - C. Multiply 10 by 12 and then add 150 to the product.
 - D. Add 12 to 150 and then multiply the sum by 10.

6. Diego makes salsa to sell at a fair. He makes 300 cups of mild salsa and 180 cups of spicy salsa. Diego will sell the salsa in jars that hold 3 cups each. The jars are sold in boxes of 25. Which would be the correct order for Diego to do the following steps to find how many boxes of jars he needs to buy?

Step E: Divide the total number of cups of salsa by 3.

Step F: Find the sum of the numbers of cups of the two different types of salsa.

Step G: Divide the number of jars needed by 25 to find the number of boxes of jars to buy.

- A. E, F, G
B. F, E, G
C. F, G, E
D. E, G, F
7. Emily is solving this division problem. Which is the correct way to read this?
- $$2.4 \overline{)7.2}$$
- A. two and four tenths divided by seven and two tenths
B. two and four hundredths divided by seven and two hundredths
C. seven and two tenths divided by two and four tenths
D. seven and two hundredths divided by two and four hundredths

8. A classified ad costs \$15 for the first 12 words in the ad. Each additional word costs \$2. How much will it cost to run a 20 word ad?

- A. \$31
B. \$35
C. \$39
D. \$40

9. Grace bought a guitar that cost \$520. She used a coupon for \$30 off the price and a gift card for \$150 to pay for the guitar. She paid for the rest in cash. How much did Grace pay in cash, not including tax, for the guitar?

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0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9