

End-of-Unit Assessment**Unit 4.4**

- 1** Diego had 6 pints of juice. He put 2 pints and 1 cup of juice into a punch bowl. How much juice is left?

Pints-to-Cups Conversions

Number of pints (pt)	Number of cups (c)
1	2
2	4
3	6
4	8

 Show your thinking.

Sample work shown.

$$\begin{array}{r} 6 \text{ pints} = 5 \text{ pints, } 2 \text{ cups} \\ - 2 \text{ pints, } 1 \text{ cup} \\ \hline 3 \text{ pints, } 1 \text{ cup} \end{array}$$

answer: 3 pints, 1 cup

- 2** Jada earned \$124 babysitting this weekend. She went shopping and spent \$75. The following weekend, Jada earned \$48 doing chores around her house. Which set of equations can be used to determine m , the amount of money Jada has now?

A. $124 - 75 = 49$
 $49 + 48 = m$

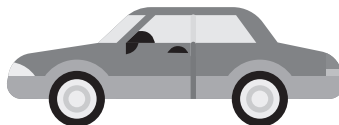
B. $124 - 48 = 76$
 $76 + 48 = m$

C. $124 - 75 = 49$
 $49 - 48 = m$

D. $124 + 75 = 199$
 $199 - 48 = m$

End-of-Unit Assessment (continued)**Unit 4.4**

- 3 Which measurement best describes the weight of a car?



- A. 1,700 milligrams B. 1,700 grams
C. 170 kilograms **D. 1,700 kilograms**

- 4 The table shows the relationship between input and output numbers.

Input	Output
1	13
2	14
3	15
4	16

Which rule can be used to determine the output number when the input number is given?

- A. -12 B. $\times 13$
C. $+12$ D. $\times 7$

End-of-Unit Assessment (continued)**Unit 4.4**

- 5** Han is making favor bags for a party. He has 15 packages of gel pens. Each package includes 13 gel pens. Han wants to put 3 gel pens in each favor bag. Represent the problem with a set of equations to determine b , the number of favor bags Han can make. Then solve for b .

 **Show your thinking.**

Sample work shown.

$$15 \times 13 = 195$$

$$195 \div 3 = b$$

answer: 65 favor bags

- 6** The table shows Shawn's expenses for school lunches and the school store. Complete the sentence by selecting **ONE** correct answer in each box.

Week	School lunch	School store
1	\$15.00	\$12.00
2	\$15.00	\$11.50
3	\$15.00	\$16.75
4	\$15.00	\$8.25

☒ A. School lunches ☐ B. School store purchases are a fixed expense and
☐ A. school lunches ☒ B. school store purchases are a variable expense.

- 7** Select **TWO** services a financial institution provides.

- ☐ A. sending packages ☒ B. keeping money safe
☒ C. lending money D. selling stamps
E. delivering mail

End-of-Unit Assessment (continued)**Unit 4.4**

For Problems 8 and 9, you can use this rubric to help you. Place a check mark as you complete each part.

- | | |
|---|--|
| <input type="checkbox"/> Analyze the given information. | <input type="checkbox"/> Justify your solution, using math language from the unit. |
| <input type="checkbox"/> Come up with a plan. | <input type="checkbox"/> Read your response. Does your solution make sense? |
| <input type="checkbox"/> Determine your solution. | |

Priya painted scenic canvases and sold them to make extra money. The cost of Priya's supplies to paint the canvases was \$135.87. Priya sold the canvases for \$202.

- 8** Determine Priya's profit and explain how she can increase her profit.

Sample explanation shown.

\$66.13. Priya's profit is \$66.13 because $202 - 135.87 = 66.13$. To increase her profit, Priya can either find cheaper supplies to buy or sell her canvases for more money.

- 9** Priya is thinking of saving any profit she makes for college. She is considering storing the money in the closet in her bedroom or depositing the money in an account at the bank. Which option do you recommend? Explain your thinking.

Sample explanation shown.

I recommend Priya deposit her profits in an account at the bank because it will be safe at the bank.