Use the table to complete Problems 8–9. Use a bar model to write each equation. Then solve.

8. On Friday, the snack bar made $992 selling large buckets of popcorn. How many large buckets of popcorn did the snack bar sell on Friday?

   In your equation, let p represent the number of large buckets of popcorn sold.

   _____

9. **MTR** On Thursday, the snack bar made a total of $340 in medium drink sales and a total of $216 in yogurt bar sales. Which item did the snack bar sell more of on Thursday? Explain how you found your answer.

   _____

   _____

   _____

   _____

Snack Bar Menu	
Large Popcorn	$8
Medium Drink	$5
Fruit Snack	$4
Yogurt Bars	$3
Family Combo	$18

MATH on the ▶ Spot

Show the Math

Demonstrate Your Thinking

10. Asher wants to buy a video game console. In order to save the money needed to buy it in 5 months, he divides the cost by 5. He finds he needs to save $37 a month. What is the total cost, c, of the game console?
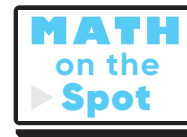
    _____

    _____

11. Mei bought a bag of buttons. She divides the buttons equally among 15 containers. Each container has 10 buttons. How many buttons does Mei have?

    In your equation, let b represent the number of buttons Mei has.

    _____

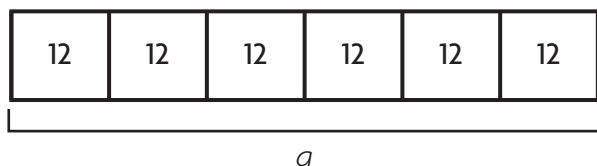**Fill in the bubble completely to show your answer.**

12. A day on Neptune lasts for 16 hours. How many Neptune days are in 144 hours? Select the equation and solution that shows how many Neptune days are in 144 hours.

   Ⓐ $16d = 144; d = 9$

   Ⓑ $d = 16 \times 144; d = 2{,}304$

   Ⓒ $16 + d = 144; d = 128$

   Ⓓ $d = 16 + 144; d = 160$

13. Stella puts 12 ounces of water in each of 6 bottles. How many ounces of water does she use? Select all of the equations she could use to solve the problem.

| 12 | 12 | 12 | 12 | 12 | 12 |

a

   Ⓐ $6a = 12$ Ⓒ $12a = 6$

   Ⓑ $a \div 6 = 12$ Ⓓ $6 \times 12 = a$

14. Noah bought 5 CDs and a DVD for a total of $57. The DVD cost $12. The CDs were each the same price. How much did Noah pay for each CD?

   Ⓐ $12   Ⓒ $11

   Ⓑ $15   Ⓓ $9

15. Nesim earned $133 for 7 hours of work. How much does Nesim earn per hour? The equation $7p = 133$ can be used to find p, the amount Nesim earns per hour.

   Ⓐ $19

   Ⓑ $6

   Ⓒ $931

   Ⓓ $69