Name: _____ Date: _____

# Cumulative Review
## for Chapters 3 and 4

## Concepts and Skills

**Multiply.** *(Lessons 3.1 and 3.2)*

**1.** $27 \times 8 =$ _____

**2.** $7{,}365 \times 9 =$ _____

**3.** $94 \times 67 =$ _____

**4.** $827 \times 61 =$ _____

**5.** $625 \times 29 =$ _____

**6.** $944 \times 38 =$ _____

**Divide.** *(Lessons 3.3 and 3.4)*

**7.** 216 ÷ 3 = _____

**8.** 432 ÷ 8 = _____

**9.** 5,520 ÷ 6 = _____

**10.** 2,828 ÷ 7 = _____

**11.** 5,398 ÷ 5 = _____

**12.** 7,436 ÷ 7 = _____

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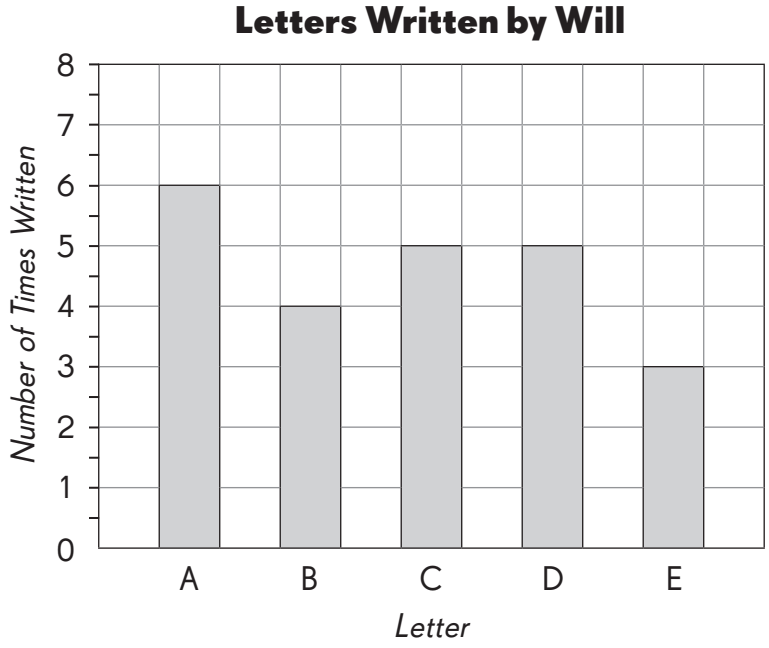
**Study the bar graph and answer the questions.** *(Lesson 4.1)*

The bar graph shows the number of times Will wrote the letters A, B, C, D, and E on a paper.




**Complete the table. Use the data in the graph.**

**13.**

**Letters Written by Will**

| **Letter** | A | | C | | |
|---|---|---|---|---|---|
| **Number of Times Written** | 6 | | | | |

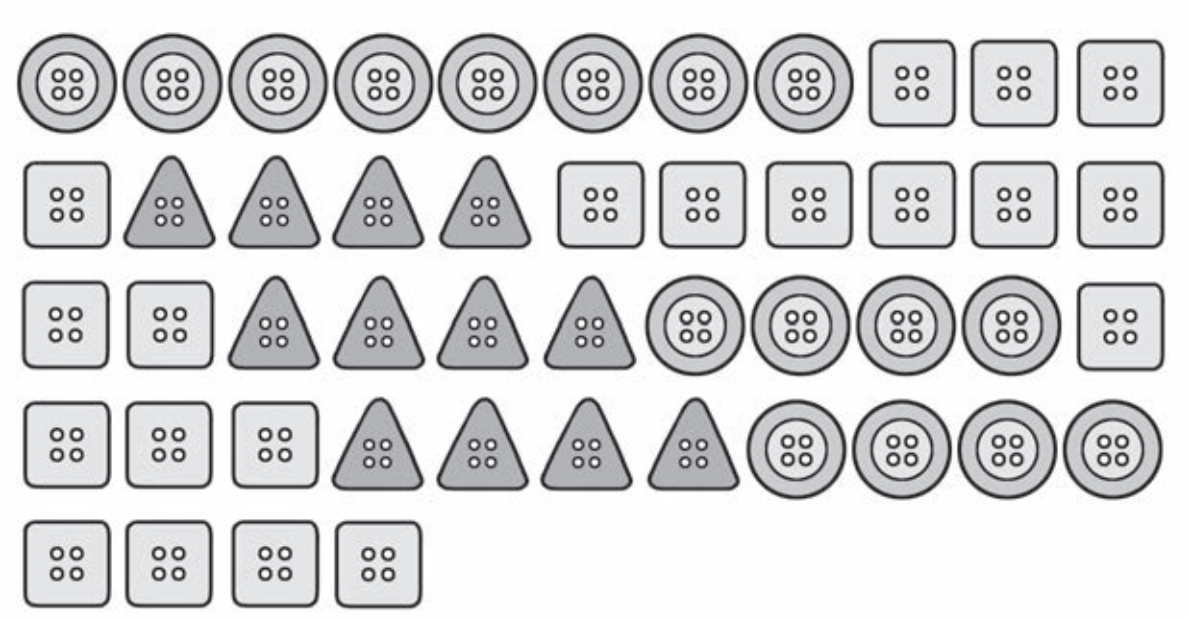
**Complete. Use the data in the table.**

**14.** Which letter did Will write the greatest number of times? _____

**15.** How many more letter 'A's did Will write than the letter he wrote the least number of times? _____

**16.** How many more letter 'A's must be written so that the number of letter 'A's will be 3 times the number of letter 'B's? _____

**Count the buttons and complete the table.** *(Lesson 4.1)*



**17.** **Types of Buttons**

| Buttons | Number |
|---|---|
| Round Buttons | |
| Square Buttons | |
| Triangular Buttons | |
| Total | |

**Complete. Use the data in the table.**

**18.** The least number of buttons are the _____ buttons.

**19.** There are _____ more square buttons than round buttons.

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**Complete the table by finding the rows, columns, and intersections.** *(Lesson 4.2)*

The table shows the types of sandwiches ordered by a group of students at lunchtime.

**20.** **Sandwiches Ordered by Students**

| Types of Sandwiches | Boys | Girls | Total |
|---|---|---|---|
| Chicken | 6 | 4 | 10 |
| Roast Beef | 12 | 18 | |
| Tuna | 7 | | 15 |
| Grilled Vegetables | 3 | 18 | 21 |

**Complete. Use the data in the table.**

**21.** How many students ordered roast beef? _____

**22.** Find the number that should appear in the intersection for 'Tuna' and 'Girls'.

_____

**23.** In which column does the number '7' appear? _____

**24.** In which row does the number '6' appear? _____

**25.** The number '4' appears in the intersection of the column for _____ and the row for _____.

**Complete the table by finding the rows, columns, and intersections.** *(Lesson 4.2)*

The table shows the 50-cent and 20-cent toys that three friends bought for party favors.

**26.**

| Name | 50-cent Toys | | 20-cent Toys | | Total Cost |
|---|---|---|---|---|---|
| | Number | Cost | Number | Cost | |
| Ashin | 5 | $2.50 | 9 | $1.80 | |
| Benjamin | 6 | | 7 | | |
| Cara | 4 | | 8 | | |

**Complete. Use the data in the table.**

**27.** Who bought the most toys? _____

**28.** Who spent the most on the toys? _____

**29.** How much more did Benjamin spend than Cara? _____

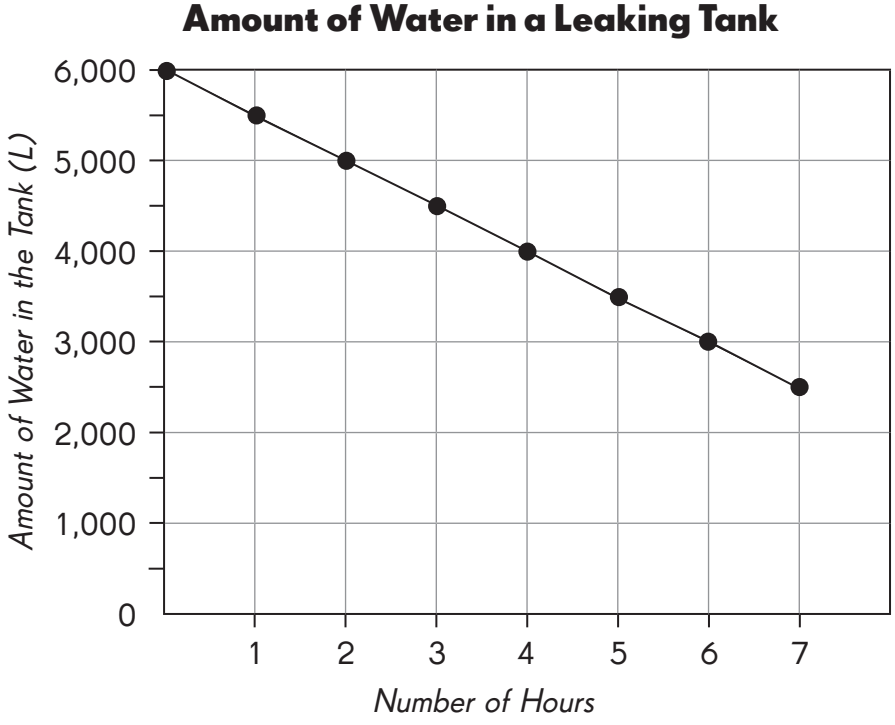
**30.** How much did they spend on 20-cent toys altogether? _____

**31.** How much more did they spend on 50-cent toys than on 20-cent toys? _____

Name: _____ Date: _____

**Complete. Use the data in the line graph.** *(Lesson 4.3)*

The graph shows the amount of water in a leaking tank over 7 hours.




**Amount of Water in a Leaking Tank**

**32.** What was the amount of water in the tank at the start? _____

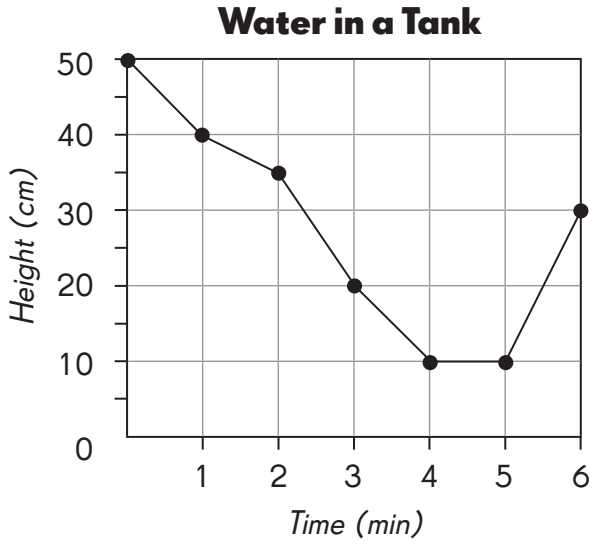
**33.** What was the amount of water in the tank after 7 hours? _____

**34.** After how many hours was the amount of water in the tank half that at the start? _____

**35.** The owner of the tank paid a fine of $1 for every 8 liters of water lost. How much would the fine be after 4 hours? _____

**Complete. Use the data in the line graph.** *(Lesson 4.3)*

The line graph shows the change in water level in a tank over 6 minutes.




**36.** What was the height of the water after

**a.** 2 minutes? _____ **b.** $3\frac{1}{2}$ minutes? _____

**37.** What was the decrease in the height of the water from the first to the second minute? _____

**38.** During which 1-minute interval did the water level decrease the most?

From the _____ minute to the _____ minute.

**39.** During which 1-minute interval did the water level increase by 20 centimeters?

From the _____ minute to the _____ minute.

**40.** Was the tank ever empty? _____

If the tank were ever empty, how would you tell from the graph?

_____

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# Problem Solving

**Solve. Show your work.**

**41.** Mr. Suarez has $2,760 to buy family meals for the local food pantry.

**a.** What is the greatest number of family meals he can buy if each meal costs $9?

**b.** How much money would he have left after buying the meals?



**42.** A grocer bought two bags of dried fruit. One bag contained 4,950 ounces of fruit and the other bag contained 2,730 ounces of fruit. He repacked the fruit equally into 8 smaller packets. What was the weight of the fruit in each packet?

**43.** A farmer packed 37 pumpkins. Each pumpkin had a weight of about 48 ounces. He put them into three baskets.

- The weight of the pumpkins in Basket A was 3 times that of the pumpkins in Basket C.
- The weight of the pumpkins in Basket B was twice that of the pumpkins in Basket C.
- The weight of the empty Basket C was 140 ounces.

What was the total weight of Basket C and the pumpkins in it?

**44.** The tank at a gas station contained 400 gallons of gas. A tanker truck that contained 8,100 gallons of gas filled the station's tank. After that the tanker truck had 4 times as much gas as the station's tank. How much gas did the tanker truck put into the station's tank?