

- 13** Complete the number pattern.

136,263	137,264			140,267	
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- 14** Write the numbers in order from least to greatest.

255,900	900,000	801,550
550,001	525,100	

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- 15** A grand piano costs 5 times as much as an upright piano. If the grand piano costs \$20,000, how much does the upright piano cost?

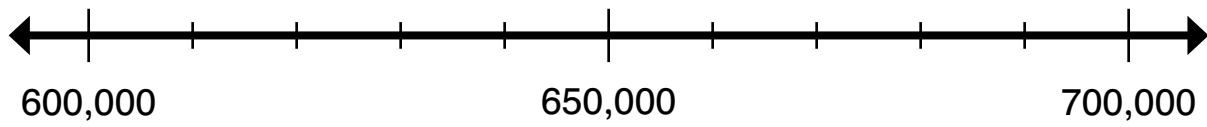


Section B (2 points each)

- 11** Count on by ten thousand to complete the number pattern.

91,489				
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- 12** Mark the approximate location of 651,264 on the number line.  
Then round 651,264 to the nearest hundred thousand.



651,264 is \_\_\_\_\_ when rounded to the nearest hundred thousand.

**13**  = 600 + 5 + 50,000 + 3,000 + 20

Name: \_\_\_\_\_

Date: \_\_\_\_\_



30

## Test A

# Chapter 8 Multiplying a Fraction and a Whole Number

Section A (2 points each)

Circle the correct option: **A**, **B**, **C**, or **D**.

**1**  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \underline{\hspace{2cm}}$

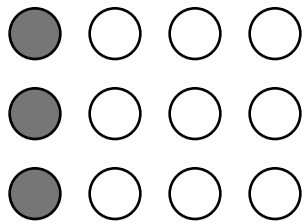
**A**  $\frac{3}{8}$

**B**  $6 \times \frac{1}{7}$

**C**  $\frac{7}{8}$

**D**  $\frac{5}{8}$

**2** What fraction of the set is shaded?



**A**  $\frac{3}{4}$

**B**  $\frac{3}{10}$

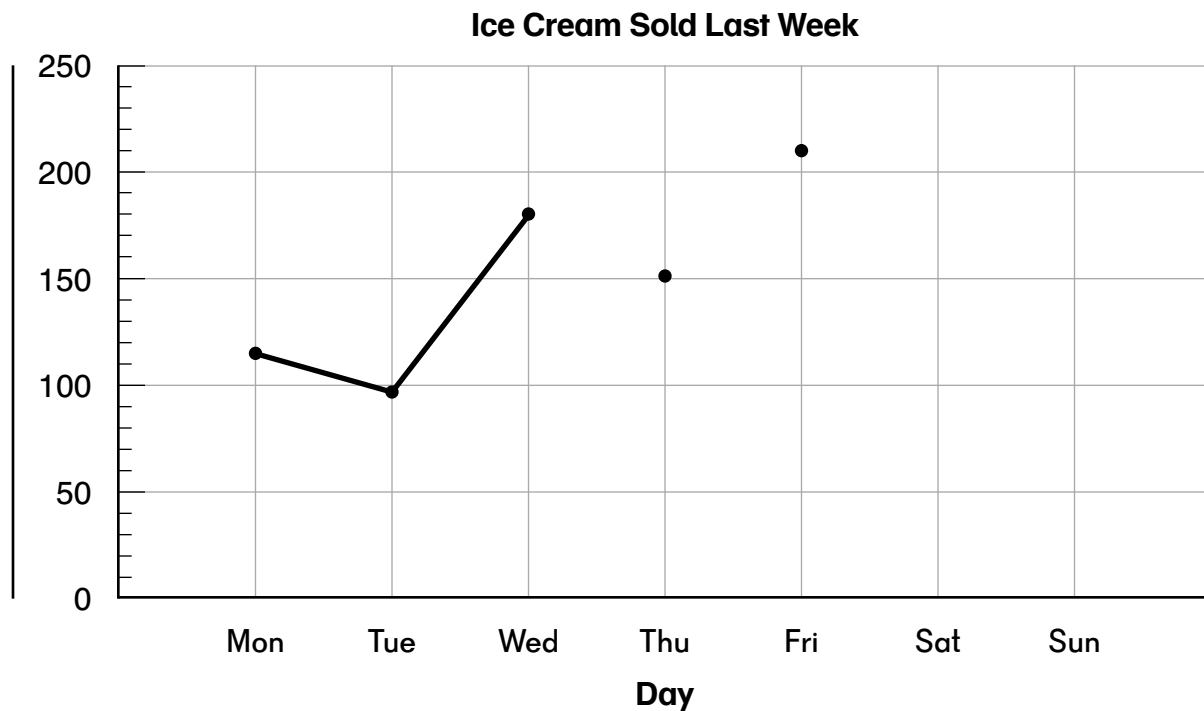
**C**  $\frac{1}{4}$

**D**  $\frac{1}{3}$

Section B (2 points each)

The table shows the number of ice cream cones sold by an ice cream shop last week. A graph of the same data is partially completed. Use the data to answer questions 6–10.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
115	98	180	153	210	240	200



**6** Complete the graph.

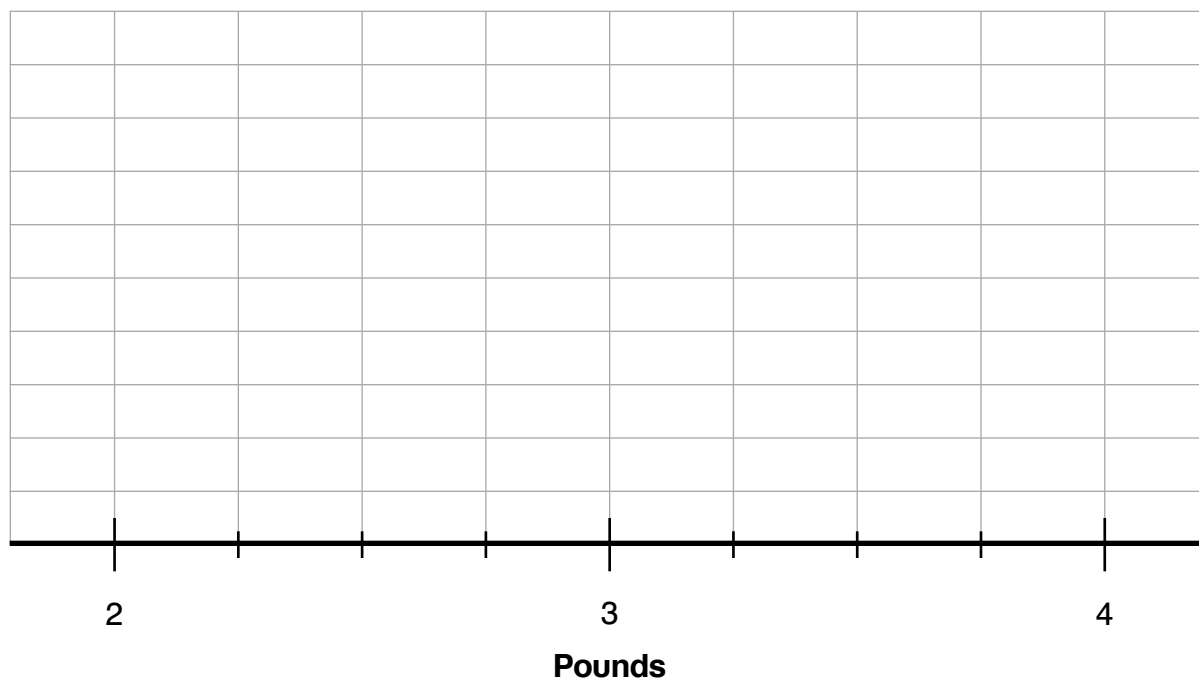
**7** What does the vertical axis represent? Label it.

The table shows the weight in pounds of bags of grapes a store sold. Use the table to answer questions 11–15.

$3\frac{1}{4}$	$2\frac{3}{4}$	$3\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	$3\frac{1}{2}$	$3\frac{1}{2}$
4	$3\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{1}{4}$	4	$3\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	$2\frac{1}{2}$
4	$3\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	4	$3\frac{1}{4}$	$3\frac{3}{4}$	$3\frac{1}{2}$	

**11** Create a line plot.

**Weight of Bags Sold**



**12** How many bags of grapes were sold altogether?



Section B (2 points each)

- 11 Circle the numbers that are 100,000 when rounded to its highest place value.

52,799   93,621   95,000   123,500   149,889

- 12 Check (✓) the statements that are true.

All even numbers have at least one prime number as a factor.	
1, 4, and 9 have an odd number of factors.	
64 is a factor of 8.	

- 13 Circle the numbers that have 4, 6, and 12 as common factors.

10   18   24   45   72   88   96

- 14 Arrange the following numbers in order from least to greatest.

$\frac{13}{6}$ ,  $\frac{16}{5}$ ,  $\frac{13}{8}$ ,  $1\frac{1}{2}$ ,  $2\frac{3}{4}$ ,  $\frac{9}{7}$

\_\_\_\_\_