

# Math Connections



## Math Course 1—Week 1 Answers

### Describing and Extending Patterns 1.1.3 Answers

#### Answers

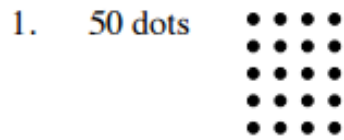


Figure 4

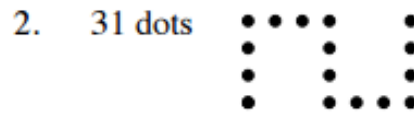


Figure 5

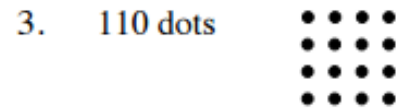


Figure 4

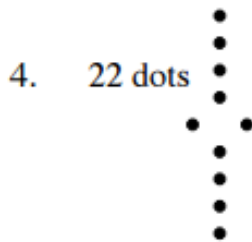


Figure 4

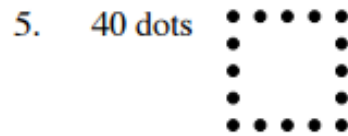


Figure 5

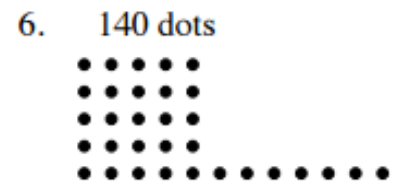


Figure 4

Graphical Representations of Data 1.1.4 Answers

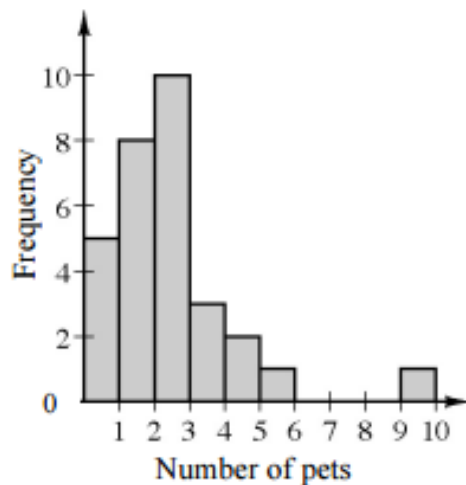
**Answers**

1. a. 24   b. 6   c. 14   d. 0

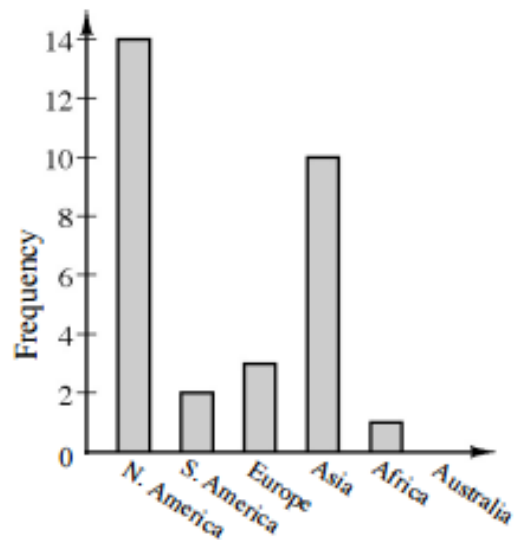
2. a. ice cream 20   b. 10

c. 12   d. 15

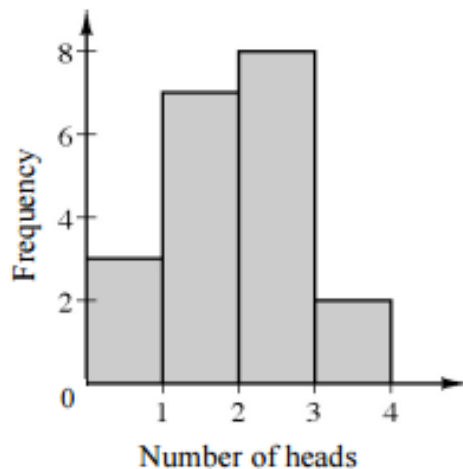
3.



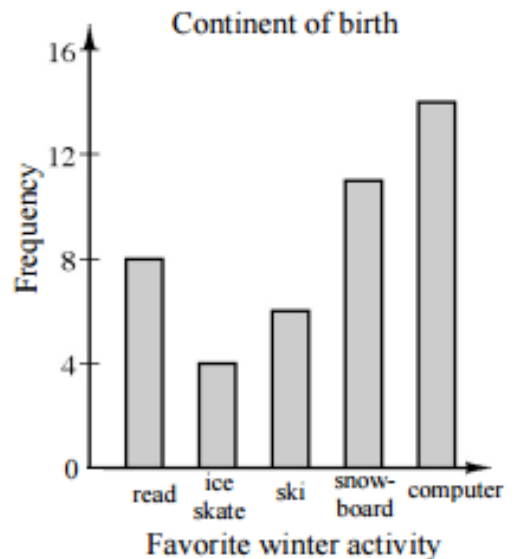
4.



5.



6.



Types of Numbers 1.2.3 and 1.2.3 Answers

**Answers**

1. 2 · 3 · 5

2. 3 · 5

3. 2<sup>4</sup>

4. 2<sup>2</sup> · 5

5. prime

6. 2 · 19

7. prime

8. 2<sup>2</sup> · 5<sup>2</sup>

9. prime

10. neither

11. 2 · 3<sup>3</sup>

12. 2<sup>5</sup> · 3

## Graphical Representation of Data 2.1.2 Answers

### Answers

1.	$\begin{array}{l l} 1 & 8 \\ 2 & 689 \\ 3 & 0344 \end{array}$	2.	$\begin{array}{l l} 1 & 9 \\ 2 & 557 \\ 3 & 0145 \\ 4 & 2 \end{array}$	3.	$\begin{array}{l l} 6 & 7 \\ 7 & 699 \\ 8 & 0124999 \\ 9 & 25 \\ 10 & \\ 11 & \\ 12 & 3 \end{array}$	4.	$\begin{array}{l l} 9 & 1 \\ 10 & 011345789 \\ 11 & 13368 \end{array}$
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## Multiplication With Generic Rectangles 2.3.1 - 2.3.4 Answers

### Answers

1.	2444	2.	3192	3.	4410
4.	2808	5.	5963	6.	29,495
7.	$56 \cdot 35 = 1960$	8.	$75 \cdot 43 = 3225$	9.	$267 \cdot 38 = 10,146$