Chapter (10)

Represent and Interpret Data

10.1 Analyze Line Plots

10.2 Make Line Plots

 (Use savvas (practice) to study and notebook, worksheets)

Chapter (11)

Geometry

11.1 Model Volume

11.2 Develop a Volume Formula

11.3 Combine Volume of Prisms

11.4 Solve Word Problem Using Volume

 (Use savvas (practice) to study and notebook, worksheets)

Chapter (12)

Convert Measurements

12.1 Convert Customary Units of length

12.2 Convert Customary Units of Capacity

12.3 Convert Customary Unit of weight

 (Use savvas (practice) to study and notebook, worksheets

Chapter (13)

Write Expressions

13.1 Evaluate Expressions

13.2 Write Numerical Expressions

13.3 Interpret Numerical Expressions

(Use savvas (practice) to study and notebook, worksheets

Chapter (14)

Graph Points on the Coordinate Plane

14.1 The Coordinate System

14.2 Graph Data Using Ordered Pairs

(Use savvas (practice) to study and notebook, worksheets)

Chapter (15)

Algebra: Analyze Pattern and Relationships

15.1 Numerical Patterns

15.2 More Numerical Patterns

15.3 Analyze and Graph Relationships

Chapter (16)

Geometric Measurement: Classify 2-D figures

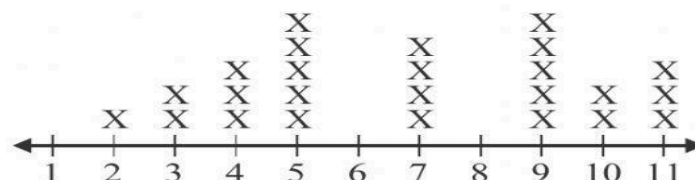12.1 Classify Triangle

12.2 Classify Quadrilateral

12.3 Continue to Classify Quadrilateral

Chapter (10)

Represent and Interpret data

Analyze Line Plots

This line plot shows the number of sticks each person collected for the campfire. Each X represents one person. Use the line plot to answer the questions.

```
                       X              X
                       X              X
                 X     X        X     X
           X     X     X        X     X       X
     X     X     X     X        X     X   X   X
  ___X_____X_____X_____X_____X_____X___X___X___
     1  2  3  4  5  6  7  8  9  10 11
```
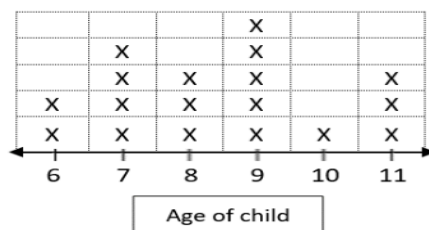
1. How many people in all collected sticks?

    [_____] people

2. How many people collected 4 sticks?

    [_____] people

Making Line Plots

Age	Number of children
6	2
7	4
8	3
9	5
10	1
11	3

Age of child

Chapter (11)

Geometry

Find the volume of each shape by counting the cubes.

1.

_____

2.

_____

3.

_____

4.

_____
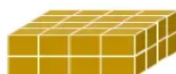
5.

_____

6.
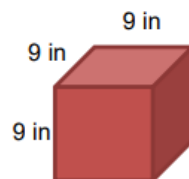

_____

Volume = length x width x height

1.

4 in

4 in

6 in

Volume = _____

= _____ in³

2.

9 in

9 in

9 in
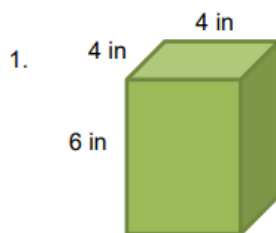
Volume = _____

= _____ in³

Chapter (12)

Convert Measurements

> Note: 1 kilometer (km) = 1,000 meter (m)
> 1 m = 100 centimeters (cm) = 1,000 millimeters (mm)

Convert to the units shown:

1. 73 m = _____ mm
2. 45 m = _____ mm
3. 20 m = _____ cm
4. 49 m = _____ cm
5. 67 m = _____ cm
6. 89 m = _____ cm
7. 13 m = _____ mm
8. 17 cm = _____ mm
9. 22 m = _____ cm
10. 31 m = _____ cm

Convert to the units shown:

11. 3,000 cm = _____ m
12. 1,000 mm = _____ cm
13. 5,000 mm = _____ cm
14. 5,000 mm = _____ m
15. 2,000 cm = _____ m
16. 1,000 cm = _____ m
17. 8,000 cm = _____ m
18. 4,000 mm = _____ m
19. 4,000 mm = _____ cm
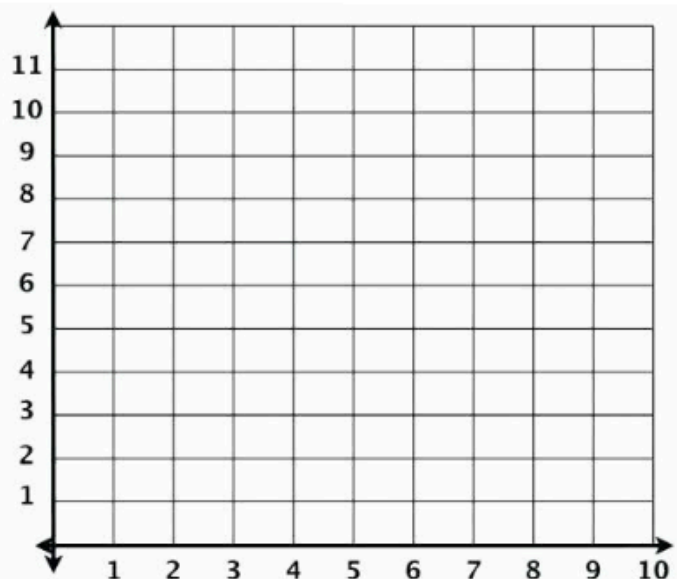20. 6,000 mm = _____ m

Chapter (13)

Write Expressions

Evaluate Expressions

1) $(3 \times 4) - 5 =$

2) $(6 \div 3) + 12 =$

3) $(4 \times 3) - (8 \div 2) =$

4) $4 + 3 \times 5 - 2 =$

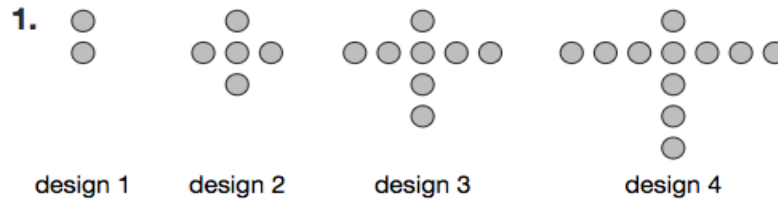**Chapter (14)**

Graph Points on the Coordinate Plane

Directions: Plot the points below by starting with the X-axis (horizontal) and moving u the y-axis (vertical). Draw a dot where the two numbers meet on the coordinate plane

1. (8 , 9)
2. (6 , 7)
3. (4 , 7)
4. (2 , 9)
5. (8 , 7)
6. (6 , 5)
7. (8 , 3)
8. (4 , 9)
9. (2 , 7)
10. (6 , 3)
11. (6 , 9)
12. (8 , 5)

Algebra: Analyze Pattern and Relationships

1.

design 1   design 2   design 3   design 4

a) Complete the table to show the number of dots in designs 1 to 4.

Design number	Number of dots
1	2
2	5
3	8
4	

b) Write the first term and the common difference.

Chapter (16)

Geometric Measurement: Classify 2-D figures

Equilateral   Isosceles   Scalene

Right   Obtuse   Acute