Name ______________________  Date  ___________

1. A point is a _______.
   A) location in space
   B) •
   C) both A and B
   D) none of the above

2. A line is _______.
   A) made up of points
   B) a 1-D object
   C) __________
   D) all of the above

3. A parallelogram is a _______.
   A) 2-D shape
   B) 3-D shape
   C) 1-D shape
   D) none of the above

4. \[ \begin{align*}
   \text{is } & \text{ _______.} \\
   \text{A) } & \frac{1}{2} \times 3 \\
   \text{B) } & \frac{1}{4} \times \frac{1}{2} \\
   \text{C) } & 2 \times \frac{1}{3} \\
   \text{D) none of the above}
\end{align*} \]

5. _______ have 2 endpoints.
   A) Rays
   B) Line segments
   C) Angles
   D) None of the above

6. Circles are _______.
   A) 2-D shapes
   B) polygons
   C) 3-D shapes
   D) none of the above

7. A triangle has _______ lines.
   A) parallel
   B) intersecting
   C) curved
   D) none of the above

8. Perpendicular lines _______.
   A) intersect
   B) are not parallel
   C) form right angles
   D) all of the above
17. Juan drives $8\frac{1}{2}$ miles to work. How far does he drive round trip?  
- A 16 miles  
- B 17 miles  
- C 18 miles  
- D none of the above

18. How many minutes are in 4 hours?  
- A 40 minutes  
- B 400 minutes  
- C 800 minutes  
- D none of the above

19. English class starts at 2:12 p.m. The class is 50 minutes. What time does it end?  
- A 2:62 p.m.  
- B 2:58 p.m.  
- C 3:02 p.m.  
- D none of the above

20. 
- A 7:13  
- B 3:07  
- C 2:13  
- D none of the above

21. 36 inches = ______  
- A 3 ft.  
- B 1 yd.  
- C both A and B  
- D none of the above

22. 2 quarts = ______  
- A 36 oz.  
- B 32 oz.  
- C 24 oz.  
- D none of the above

23. 1 cm = ______  
- A .01 m  
- B $\frac{1}{100}$ m  
- C 10 mm  
- D all of the above

24. 90 cm = ______  
- A .9 m  
- B 9 m  
- C 9 mm  
- D none of the above
1. A ● is a ______.  
   A point  
   B 2-D shape  
   C line  
   D none of the above

2. A — is ______.  
   A made up of points  
   B a 1-D shape  
   C a line  
   D all of the above

3. is ______.  
   A a closed shape  
   B an open shape  
   C both A and B  
   D none of the above

4. is ______.  
   A a trapezoid  
   B a closed shape  
   C one-half of a hexagon  
   D all of the above

5. △s, □s, and ◻s are ______.  
   A 3-D shapes  
   B polygons  
   C lines  
   D none of the above

6. A ○ is ______.  
   A a polygon  
   B made up of straight lines  
   C a 2-D shape  
   D all of the above

7. AB is ______.  
   A ray AB  
   B angle AB  
   C made of two lines  
   D none of the above

8. is ______.  
   A greater than  
   B made up of two vertices  
   C an angle  
   D all of the above
Find the right angles in each shape. Write the names of the right angles.

1. [Diagram of triangle]
2. [Diagram of square]
3. [Diagram of rectangle]
4. [Diagram of trapezoid]
5. [Diagram of diamond]
6. [Diagram of pentagon]

Write the names of one pair of supplementary angles in each shape above.

1. ____________________________ 4. ____________________________
2. ____________________________ 5. ____________________________
3. ____________________________ 6. ____________________________
Hierarchy of Polygons
(by Angles)

<table>
<thead>
<tr>
<th>Number of angles</th>
<th>Polygon</th>
<th>Kind of angles</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td><strong>Decagon</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Nonagon</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Octagon</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Septagon</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Hexagon</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Pentagon</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Quadrilaterals</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Square / Rectangle</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Rhombus / Parallelogram</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Trapezoid</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Triangles</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Irregular</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Equilateral</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Right</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Obtuse</strong></td>
<td></td>
</tr>
</tbody>
</table>

Angles: Obtuse, Right, Acute

Angles: made up of lines
1. Mr. Johnson opens his store at 7:30 a.m. He closes at 5:45 p.m. for the night. He also closes for one hour for lunch. How much time is Mr. Johnson's store open each day? _____ hr. _____ min.

2. If the party starts at 1:15 p.m. and the last guest leaves at 4:30, how long does the party last? _____ hr. _____ min.

3. Judy roller skates from 9:07 a.m. until 10:17 a.m., then again from 1:33 p.m. until 3:59 p.m. How much time does Judy skate altogether? _____ hr. _____ min.

4. The Lawrence family drives from 8:13 a.m. until 4:17 p.m. on Monday. They drive from 7:47 a.m. until 5:41 p.m. on Tuesday. What is the difference in the amount of time they drive on the two days? _____ hr. _____ min.

5. If Andre leaves on his bike at 7:43 a.m. and rides for \(5\frac{3}{4}\) hours, what time is it when he stops riding?

6. Chi practices the violin for 3 hours and 22 minutes four days each week. What is the total amount of time he practices in five weeks? _____ hr. _____ min.
How much would you earn if you worked:

A. 30 hours per week at $7.00 per hour? ____________

B. 30 hours per week at $9.15 per hour? ____________

C. 30 hours per week at $11.44 per hour? ____________

D. 30 hours per week at $15.38 per hour? ____________

E. 30 hours per week at $20.79 per hour? ____________

How much would you earn if you worked:

F. 40 hours per week at $7.00 per hour? ____________

G. 40 hours per week at $9.15 per hour? ____________

H. 40 hours per week at $11.44 per hour? ____________

I. 40 hours per week at $15.38 per hour? ____________

J. 40 hours per week at $20.79 per hour? ____________


12 inches (in.) = 1 foot (ft.)

1 ft. 2 in. = \underline{14} in.
1 ft. 9 in. = \underline{21} in.
2 ft. 6 in. = \underline{30} in.
3 ft. = \underline{36} in.

36 inches (in.) = 3 feet (ft.) = 1 yard (yd.)

16 in. = \underline{1} ft. \underline{4} in.
20 in. = \underline{1} ft. \underline{4} in.
25 in. = \underline{2} ft. \underline{1} in.
30 in. = \underline{2} ft. \underline{6} in.
38 in. = \underline{3} ft. \underline{2} in.

9.
James has a board that is 3 ft. long.
What is another name for 3 ft.?

A 2 yd.
B 1 yd.
C 24 in.
D 12 in.

10.
How many inches are in 3 yd.?

A 108 in.
B 98 in.
C 72 in.
D 110 in.
6-Packs of Bottles of Water

Use the following information to complete the line plot.

<table>
<thead>
<tr>
<th>Number of 6-packs</th>
<th>250 mL</th>
<th>500 mL</th>
<th>750 mL</th>
<th>1,000 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

Size of Bottle

The store had 24 1,000 mL bottles of water. It had a total of 15,000 mL of water in 500 mL bottles.

How many 6-packs did the store have? __________

This was ______ individual bottles. __________

How much more water was in the 750 mL bottles altogether than in the 500 mL bottles altogether? __________

Did the store have more 6-packs of 500 mL bottles or 1,000 mL bottles? __________

Did the store have more water in the 500 mL bottles altogether or in the 1,000 mL bottles altogether? __________

How much more? __________