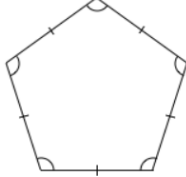
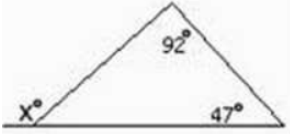
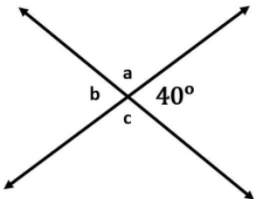


7th Grade Year in Review 4

Name: _____

You have been working hard all year! Time to review what you have learned. Show your work for each question and circle your answer. This is due by Friday, April 29th (10 points)

| | |
|---|--|
| <p>1. Which shows the distributive property?</p> <ol style="list-style-type: none"> 1. $5 \cdot 22 = 5 \cdot 20 + 5 \cdot 2$ 2. $(5 \cdot 20) \cdot 2 = 5 \cdot (20 \cdot 2)$ 3. $5 \cdot 20 \cdot 2 = 2 \cdot 5 \cdot 20$ | <p>2. <u>Classify</u> the polygon and <u>tell</u> whether if it is regular. If not, explain why.</p> <div style="text-align: center;">  </div> |
| <p>3. A hedgehog that is 2 feet tall casts a shadow of 5 feet. A tree next to it casts a shadow of 36 feet. How tall is the tree? (write a proportion and solve).</p> | <p>4. Which shows the associative property?</p> <ol style="list-style-type: none"> 1. $5 \cdot 22 = 5 \cdot 20 + 5 \cdot 2$ 2. $(5 \cdot 20) \cdot 2 = 5 \cdot (20 \cdot 2)$ 3. $5 \cdot 20 \cdot 2 = 2 \cdot 5 \cdot 20$ |
| <p>5. Find the value of x</p> <div style="text-align: center;">  </div> | <p>6. John bought a new game that costs \$25. If the sales tax is 6%, how much did he pay for the game including tax?</p> |
| <p>7. Find the unknown angle measures.</p> <div style="text-align: center;">  </div> | <p>8. What is the square root of 100?</p> |

9. 42 is 30% of what number?

10. Solve $d - 2 \leq 1$. Then graph the solution.

