OBJ: GET READY FOR CELEBRATION OF KNOWLEDGE TOMORROW!

🌟 HW: Page 55

2, 4, 5, 8 - 11, 14 - 16, 22 - 24

🌟 Review all of your notes, handouts, quizzes

Check all of your answers - with key!

1. Review: "Rags to Riches"
   [aka: "Who Wants to Be a Millionaire"]

   [URL]

2. Review: "Battleship"

   [URL]
Evaluate each expression for the given values of the variables.
1. \(4x + 5y\) for \(x = 9\) and \(y = 7\) 
2. \(5k(6 - 6m)\) for \(k = 2\) and \(m = \frac{1}{2}\)

Write an algebraic expression for each word phrase.
3. 3 more than twice \(p\) 
4. 4 times the sum of \(t\) and 5
5. 6 less than half of \(n\)

Solve.
6. \(m + 15 = 25\)
7. \(4d = 144\)
8. \(50 = h - 3\)
9. \(\frac{x}{3} = 18\)
10. \(y - 4 \geq 1\)
11. \(\frac{y}{2} \leq 6\)
12. \(w + 1 < 4.5\)
13. \(2p > 15\)

Graph each inequality.
14. \(x > 4\)
15. \(y \leq 8\)

Write and solve an equation for each problem.
16. Acme Sporting Products manufactures 3216 tennis balls a day. Each container holds 3 balls. How many tennis ball containers are needed daily?
17. In the 1996 presidential election, Bill Clinton received 2,459,683 votes in Texas. This was 177,868 more votes than he had received in 1992 in Texas. How many votes did Bill Clinton get in Texas in 1992?

Determine whether the ordered pair is a solution of the given equation.
22. \((6, 5); y = 5x - 25\)

Give the coordinates of each point shown on the coordinate plane.
23. \(A (-2, -6)\)
24. \(B (3, 0)\)

25. Use the table to graph the speed of the car over time.

<table>
<thead>
<tr>
<th>Time (s)</th>
<th>0</th>
<th>5</th>
<th>10</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (mi/h)</td>
<td>0</td>
<td>20</td>
<td>30</td>
<td>35</td>
</tr>
</tbody>
</table>

Homework Page 55