

Collab Day


No warm-up

Work on Unit 2/3 Review #1







Unit Test is Block Day this week!!!

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Week Monday Chp 1-3 Review Sheet #1 **CW/HW** Name _____ per _____

<p>1. Evaluate $4 + 16 \div 4 \cdot 2 + (12 - 3^2)$</p>	<p>2. Write the expression: a) Twelve increased by a number w b) The quotient of 6 and a number x c) A number y decreased by the product of 8 and a number x</p>	<p>3. Evaluate if $x = -3, y = 10$ and $z = -2$</p> $5x^2 - \frac{y}{z}$
<p>4. Solve and CHECK</p> $\frac{x}{4} + 2 = 5$ <p style="text-align: right;">CHECK:</p>	<p>5. Solve and CHECK</p> $-3w + 4 = 3w + 2$ <p style="text-align: right;">CHECK:</p>	<p>6. Solve.</p> $\frac{4x-8}{18} = \frac{x+3}{12}$
<p>7. A \$21,000 truck is on sale for \$17,500. What is the percent decrease rounded to the nearest tenth of a percent?</p>	<p>8. What is 36% of 90?</p>	<p>9. 24 is what percent of 64?</p>
<p>10. 120 is 80% of what number?</p>	<p>11. John has 7 hours to drive to his Grandma's house 382 miles away. How fast, on average, does he need to drive? Round to the nearest tenth.</p>	<p>12. Solve and graph the solutions.</p> $5y - 3(y - 5) < -3$ 

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<p>13. Solve and graph the solutions.</p> $\frac{x}{5} + 4 \geq 2$ 	<p>14. Solve and graph the solutions.</p> $2 < x + 3 \leq 4$ 	<p>15. Solve and graph the solutions.</p> $-3c + 5 > 14 \text{ and } -35 \leq 7c$  <p><i>Solution:</i> _____</p>
<p>16. Solve and graph the solutions.</p> $5 + 2c \leq 9 \text{ or } 18 > 2(3c + 6)$  <p><i>Solution:</i> _____</p>	<p>17. Solve and graph the solutions.</p> $ x + 3 = 2$  <p><i>Solution:</i> _____</p>	<p>18. Solve and graph the solutions.</p> $ 2x - 1 < 3$  <p><i>Solution:</i> _____</p>
<p>19. Convert 14 yards to inches.</p>	<p>20. Simplify.</p> $-3(4x + 5) + 2(3x + 2)$	<p>21. Solve.</p> $7y - (5y - 2) = 4(y + 8) - 14$