

<p>1. Simplify: $\frac{4}{x} \div \frac{1}{4}$</p>	<p>If $x = 3$ and $w = -2$, find the numerical value of $\frac{-2(x-w)^2}{4xw}$.</p>	<p>1. _____</p>
<p>2. Solve: $9 - h = -9$</p>	<p>7. Express as a single fraction: $x - \frac{2}{9}$</p>	<p>2. _____</p> <p>3. _____</p>
<p>3. Solve: $\frac{2y}{7} + 2 = -4$</p>	<p>Which expression is <i>not</i> equal to 1?</p> <p>8. (1) $\frac{6^5}{6^3 \cdot 6^2}$ (3) 6^0</p> <p>(2) $\frac{3!}{6}$ (4) $\frac{6^6}{6^3 \cdot 6^2}$</p>	<p>4. _____</p> <p>5. _____</p> <p>6. _____</p>
<p>4. Simplify: $(y^2 - y - 3) + (-y^2 + y - 3)$</p>	<p>9. Solve: $2c + 1 = -31$</p>	<p>7. _____</p> <p>8. _____</p>
<p>5. From $-x^2 + 3x - 2$ subtract $2x^2 + x - 7$.</p>	<p>Which expression is <i>not</i> rational?</p> <p>10. (1) $\sqrt{2^6}$ (3) $\sqrt{2^3}$</p> <p>(2) $\sqrt{2^2}$ (4) $\sqrt{2^4}$</p>	<p>9. _____</p> <p>10. _____</p>

<p>11. Solve: $\frac{6x+2}{7} = 9$</p>	<p>16. Express as a single fraction: $\frac{H}{2} + \frac{P}{S}$</p>	<p>11. _____</p>
<p>12. What is the difference when $y^2 - 2y + 10$ is subtracted from $3y^2 + 5$?</p>	<p>17. If $y = -2$, find the numerical value of $(-2y)^3$.</p>	<p>12. _____</p> <p>13. _____</p>
<p>13. Solve: $\frac{6}{7}x = 7$</p>	<p>18. Simplify: $9gh - gh^2$</p>	<p>14. _____</p> <p>15. _____</p>
<p>14. The solution set of the equation $x^2 - 9 = 0$ is</p> <p>(1) {9} (3) {3}</p> <p>(2) {-3,3} (4) {-3}</p>	<p>19. Solve: $\frac{3q-7}{-2} = 8$</p>	<p>16. _____</p> <p>17. _____</p>
<p>15. Solve: $7 - 4b = 13$</p>	<p>20. Solve: $\frac{-8x}{9} = -3$</p>	<p>18. _____</p> <p>19. _____</p> <p>20. _____</p>