

<p>1. Solve for x: $10x - 3g^2 = 5$</p>	<p>6. Solve: $4d - 3 \leq 17$</p>
<p>2. Solve for b: $-3b - 4 = h$</p>	<p>7. Solve for a: $P = 2a + 2b$</p>
<p>3. Solve: $3(2b + 1) - 7 = 50$</p>	<p>8. Subtract $-p^2 + 2p + 2$ from $p^2 + 5p - 7$.</p>
<p>4. Solve: $-16 > -8x$</p>	<p>9. Solve: $-x + 5 < 18$</p>
<p>5. Simplify: $4x^2 - 20y^2$</p>	<p>10. Express as a single fraction: $\frac{x}{9} + \frac{2}{3}$</p>

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<p>11. Solve for x: $-4y + x = 2x - 8y$</p>	<p>16. Solve for h: $-4gh + 6 = 3p$</p>
<p>12. Solve for r: $\frac{2p-r}{t} = 12$</p>	<p>17. Solve: $4 - x < 10$</p>
<p>13. Solve: $4(2r + 1) - 3(2r - 5) = 29$</p>	<p>The expression x^2z^{-3} is equivalent to</p> <p>18. (1) $x^{-2}z^3$ (3) $\frac{z^3}{x^2}$</p> <p>(2) $\frac{x^2}{z^3}$ (4) $\frac{x^{-2}}{z^{-3}}$</p>
<p>Which expression represents an irrational number?</p> <p>14. (1) $\frac{3\pi}{4\pi}$ (3) $\sqrt{\frac{3}{4}}$</p> <p>(2) $-\frac{4}{5}$ (4) $\sqrt{.36}$</p>	<p>19. Solve: $\frac{x+4}{3} = \frac{x}{6}$</p>
<p>What are the factors of $6x^2 - 13x - 5$?</p> <p>15. (1) $(2x - 5)(3x + 1)$ (3) $(3x - 5)(2x + 1)$</p> <p>(2) $(3x - 4)(2x + 1)$ (4) $(6x + 1)(x - 5)$</p>	<p>20. Simplify: $\frac{4y}{2} \cdot \frac{5x}{5}$</p>

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