

<p>Dawn is 3 years older than her sister Sara. If Dawn's age is represented by x, which</p> <p>1. expression represents Sara's age?</p> <p>(1) $3x$ (3) $x + 3$ (2) $\frac{1}{3}x$ (4) $x - 3$</p>	<p>6. Simplify: $-\frac{4}{7} \div \frac{3}{x}$</p>	<p>1. _____ 2. _____</p>
<p>Which is a rational number?</p> <p>2. (1) $\sqrt{6}$ (3) $\sqrt{18}$ (2) $\sqrt{16}$ (4) $\sqrt{24}$</p>	<p>7. Evaluate $2(x - 3)^2$ if $x = -1$.</p>	<p>3. _____ 4. _____</p>
<p>Expressed in decimal form, the number</p> <p>3. 1.23×10^{-3} is</p> <p>(1) 1230 (3) 0.00123 (2) 0.000123 (4) 123,000</p>	<p>8. Evaluate $4(2 - x)^2$ if $x = 2$.</p>	<p>5. _____ 6. _____</p>
<p>4. Evaluate $\frac{3h - 5}{4x^2}$ if $h = 2$ and $x = -1$.</p>	<p>9. Simplify: $\frac{1}{8} + \frac{2}{11}$</p>	<p>7. _____ 8. _____</p>
<p>What is the sum of $\frac{5x}{2}$ and $\frac{3x}{5}$?</p> <p>5. (1) $\frac{8x}{7}$ (3) $\frac{15x}{10}$ (2) $\frac{8x}{10}$ (4) $\frac{31x}{10}$</p>	<p>The expression $y^3 + y^3$ is equivalent to</p> <p>10. (1) $2y^6$ (3) y^9 (2) $2y^3$ (4) y^6</p>	<p>9. _____ 10. _____</p>

<p>11. Solve: $\frac{5}{x} = 12$</p>	<p>16. Simplify: $\frac{5}{6} \cdot \frac{x}{5}$</p>	<p>11. _____</p>
<p>The number $\sqrt{73}$ is a number between</p> <p>12. (1) 3 and 7 (3) 8 and 9 (2) 7 and 8 (4) 36 and 37</p>	<p>If $x = -2$ and $y = -4$, find the value of</p> <p>17. $\frac{2x^2 - 6}{y^2}$.</p>	<p>12. _____</p> <p>13. _____</p> <p>14. _____</p>
<p>13. Solve: $-6 = \frac{x}{-4}$</p>	<p>18. Simplify: $\frac{4}{7} + 5$</p>	<p>15. _____</p> <p>16. _____</p>
<p>Which expression is equivalent to $(-2x^4)^2$</p> <p>14. (1) $4x^6$ (3) $-4x^8$ (2) $4x^8$ (4) $4x^{16}$</p>	<p>The expression $-6x - 7(4 + 3x)$ is equivalent to</p> <p>19. (1) $3x - 28$ (3) $-21x - 4$ (2) $-9x - 28$ (4) $-27x - 28$</p>	<p>17. _____</p> <p>18. _____</p>
<p>Find the value of $1 - 5^0$.</p> <p>15. (1) -4 (3) 0 (2) -1 (4) 1</p>	<p>If $x = -40$ and $y = 2$, evaluate the expression $\frac{1}{2}xy^2$.</p> <p>20.</p>	<p>19. _____</p> <p>20. _____</p>