

<p>1. If $k = 7$, $f = -2$, and $c = -1$, find the numerical value of $(kfc)^2$.</p>	<p>6. Simplify: $\frac{2}{3} \cdot \frac{1}{x}$</p>	<p>1. _____</p>
<p>2. [Jan 2002, #19] Which is an irrational number?</p> <p>(1) $\sqrt{9}$ (3) $\sqrt{3}$ (2) 3.14 (4) $\frac{3}{4}$</p>	<p>7. Evaluate $x^2 - 4x + 1$ if $x = -1$.</p>	<p>2. _____</p> <p>3. _____</p>
<p>3. [Jun 2003, #1] The number 8.375×10^{-3} is equivalent to</p> <p>(1) 0.0008375 (3) 0.08375 (2) 0.008375 (4) 8,375</p>	<p>8. Evaluate $(-2x)^3$ if $x = 3$.</p>	<p>4. _____</p> <p>5. _____</p>
<p>4. Evaluate $\frac{2k+2}{x^2}$ if $k = -4$ and $x = -2$.</p>	<p>9. Simplify: $-\frac{4}{3} + \frac{2}{5}$</p>	<p>6. _____</p> <p>7. _____</p>
<p>The expression $\sqrt{18} - \sqrt{2}$ is equivalent to</p> <p>5. (1) $8\sqrt{2}$ (3) 3 (2) $2\sqrt{2}$ (4) 4</p>	<p>Which number has the greatest value?</p> <p>10. (1) $1\frac{2}{3}$ (3) $\frac{\pi}{2}$ (2) $\sqrt{2}$ (4) 1.5</p>	<p>8. _____</p> <p>9. _____</p> <p>10. _____</p>

<p>What is the value of 4^{-3}?</p> <p>11. (1) $\frac{1}{64}$ (3) $-\frac{1}{64}$ (2) 64 (4) -64</p>	<p>16. Simplify: $\frac{2}{7} \div \frac{x}{5}$</p>	<p>11. _____</p> <p>12. _____</p>
<p>The number $\sqrt{18}$ is a number between</p> <p>12. (1) 1 and 3 (3) 8 and 10 (2) 4 and 5 (4) 17 and 19</p>	<p>If $x = 2$ and $y = 3$, find the value of</p> <p>17. $\frac{x^2 - 4}{2y}$.</p>	<p>13. _____</p> <p>14. _____</p>
<p>13. Solve: $6 = \frac{x}{4}$</p>	<p>18. Simplify: $\frac{3}{11} \cdot 5$</p>	<p>15. _____</p> <p>16. _____</p>
<p>14. Simplify: $9 - 8 - 20 \div 2^2$</p>	<p>19. Evaluate $-2xy^3$ if $x = -2$ and $y = -1$.</p>	<p>17. _____</p> <p>18. _____</p>
<p>Which of the following expressions has the <i>least</i> value?</p> <p>15. (1) 3.2 (3) $\frac{28}{9}$ (2) π (4) 3.13</p>	<p>20. Express as a single fraction: $\frac{9}{7} + 6$</p>	<p>19. _____</p> <p>20. _____</p>