

Name:

Date:

Period:

<p>1. The expression $\sqrt{60}$ is equivalent to:</p> <p>[a] $4\sqrt{15}$ [b] $20\sqrt{3}$ [c] $2\sqrt{30}$ [d] $2\sqrt{15}$</p>	<p>2. Simplify: $3\sqrt{12}$</p> <p>$2\sqrt{125}$</p>	<p>3. Express as a product: $\sqrt{54}$</p>	<p>4. $\sqrt{32}$ is equivalent to:</p> <p>[a] $4\sqrt{2}$ [b] $8\sqrt{4}$ [c] $2\sqrt{16}$ [d] $16\sqrt{2}$</p>
<p>5. Which is a rational number?</p> <p>[a] $\sqrt{10}$ [b] $\sqrt{9}$ [c] $\sqrt{24}$ [d] $\sqrt{120}$</p>	<p>6. Simplify: $6\sqrt{40}$</p> <p>$2\sqrt{200}$</p>	<p>7. Which is an irrational number?</p> <p>[a] $\sqrt{49}$ [b] 0 [c] $\frac{5}{16}$ [d] $\sqrt{6}$</p>	<p>8. The expression $\sqrt{18}$ is equivalent to:</p> <p>[a] $3\sqrt{6}$ [b] $3\sqrt{2}$ [c] $9\sqrt{2}$ [d] $2\sqrt{3}$</p>
<p>9. $\sqrt{80}$ is equivalent to:</p> <p>[a] $4\sqrt{5}$ [b] $10\sqrt{8}$ [c] $4\sqrt{20}$ [d] $8\sqrt{10}$</p>	<p>10. Simplify: $8\sqrt{8}$</p> <p>$2\sqrt{52}$</p>	<p>11. The expression $\sqrt{12} + \sqrt{27}$ is equivalent to:</p> <p>[a] $\sqrt{39}$ [b] $5\sqrt{3}$ [c] $6\sqrt{3}$ [d] $5\sqrt{6}$</p>	<p>12. What is the sum of $3\sqrt{2}$ and $\sqrt{50}$?</p>
<p>13. The sum of $5\sqrt{7}$ and $\sqrt{63}$ is:</p> <p>[a] $5\sqrt{70}$ [b] $15\sqrt{7}$ [c] $2\sqrt{7}$ [d] $8\sqrt{7}$</p>	<p>14. Simplify: $\sqrt{45} - \sqrt{20}$</p>	<p>15. Find the difference between $12\sqrt{11}$ and $\sqrt{44}$.</p>	<p>16. Simplify: $6\sqrt{24} - \sqrt{96}$</p>
<p>17. The sum of $9\sqrt{3}$ and $\sqrt{75}$ is:</p>	<p>18. Simplify: $\sqrt{200} - 3\sqrt{2}$</p>	<p>19. What is the sum of $12\sqrt{5}$ and $\sqrt{125}$?</p>	<p>20. $\sqrt{28} + \sqrt{7}$ is equivalent to:</p> <p>[a] $\sqrt{35}$ [b] $2\sqrt{14}$ [c] $3\sqrt{7}$ [d] $2\sqrt{49}$</p>