



$$\frac{10x}{\sqrt{3x} + \sqrt{2x}} \times \left( \frac{\sqrt{3x} - \sqrt{2x}}{\sqrt{3x} - \sqrt{2x}} \right) = \frac{10x(\sqrt{3x} - \sqrt{2x})}{3x - 2x} = 9(\sqrt{3x} - \sqrt{2x})$$

|                                     |                                 |                                            |                                |
|-------------------------------------|---------------------------------|--------------------------------------------|--------------------------------|
| $\frac{4x}{\sqrt{7} + \sqrt{5}}$    | ____( $\sqrt{7} - \sqrt{5}$ )   | $\frac{-7 + x^2}{\sqrt{7} + x}$            | ____( $\sqrt{7} - x$ )         |
| $\frac{-46}{5 + \sqrt{2}}$          | ____( $5 - \sqrt{2}$ )          | $\frac{-47xy}{\sqrt{3} - 5\sqrt{2}}$       | ____( $\sqrt{3} + 5\sqrt{2}$ ) |
| $\frac{x^2 - 1}{\sqrt{x} - 1}$      | (      )( $\sqrt{x} + 1$ )      | $\frac{5x - 5y^2}{\sqrt{x} + y}$           | ____( $\sqrt{x} - y$ )         |
| $\frac{2x - 32}{\sqrt{x} - 4}$      | ____( $\sqrt{x} + 4$ )          | $\frac{2}{\sqrt{2} + \sqrt{1}}$            | ____( $\sqrt{2} - \sqrt{1}$ )  |
| $\frac{35}{\sqrt{10} + \sqrt{5}}$   | ____( $\sqrt{10} - \sqrt{5}$ )  | $\frac{xy - 32x}{\sqrt{y} - 4\sqrt{2}}$    | ____( $\sqrt{y} + 4\sqrt{2}$ ) |
| $\frac{70x}{\sqrt{2x} + 3\sqrt{x}}$ | ____( $\sqrt{2x} - 3\sqrt{x}$ ) | $\frac{x^3(49 - 9x^3)}{7x - 3x^2\sqrt{x}}$ | ____( $7x + 3x^2\sqrt{x}$ )    |

