

The expression *can* be rewritten as:

$$\frac{\sqrt{7x} + \sqrt{4 \cdot 7x}}{\sqrt{2}} = \frac{\sqrt{7x} + 2\sqrt{7x}}{\sqrt{2}} = \frac{3\sqrt{7x}}{\sqrt{2}} = \frac{3\sqrt{7x}}{\sqrt{2}}.$$
$$\frac{\sqrt{2}}{\sqrt{2}} = \frac{3\sqrt{14x}}{2}$$