mobius
Radicals - Adding and Subtracting (Values and Variables)

1 Simplify, then add or subtract the radical expressions

$$\sqrt{275w^4} + \sqrt{176w^4}$$

A $9w\sqrt{11}$ B $9w^2\sqrt{11}$

2 Simplify, then add or subtract the radical expressions

$$\sqrt{32} + \sqrt{50}$$

A $9\sqrt{2}$ B $1 + 3\sqrt{5}$

3 Simplify, then add or subtract the radical expressions

$$\sqrt{80} + \sqrt{20}$$

A $7\sqrt{8}$ B $6\sqrt{5}$

4 Simplify, then add or subtract the radical expressions

$$\sqrt{75r^4} + \sqrt{12r^4}$$

A $7r^4\sqrt{3}$ B $7r^2\sqrt{3}$

5 Simplify, then add or subtract the radical expressions

$$\sqrt{63w^3} - \sqrt{112w^3}$$

A $-1w\sqrt{7w}$

B $w\sqrt{7w}$

6 Simplify, then add or subtract the radical expressions

$$\sqrt{80} + \sqrt{125}$$

A 9 B $9\sqrt{5}$

7 Simplify, then add or subtract the radical expressions

$$\sqrt{50y^3} + \sqrt{18y^3}$$

A $8y\sqrt{2y}$ B $8y^3\sqrt{2y}$

8 Simplify, then add or subtract the radical expressions

$$\sqrt{27y^4} - \sqrt{12y^4}$$

A $y^4 - 2y\sqrt{2}$

B $y^2\sqrt{3}$