

Name _____

Date _____

Year Group _____

Simplify the following square root expressions

The answer for the questions: 3, 4, 6, 9, and 10 are plus (+) so put the negative sign with the number as you can't change operation sign.

1. $\sqrt{20} + \sqrt{45}$

Answer = ____ $\sqrt{\quad}$

2. $\sqrt{44} + \sqrt{99}$

Answer = ____ $\sqrt{\quad}$

3. $-\sqrt{81} + \sqrt{45}$

Answer = ____ + ____ $\sqrt{\quad}$

4. $\sqrt{40} - \sqrt{60}$

Answer = ____ $\sqrt{\quad}$ + ____ $\sqrt{\quad}$

5. $\sqrt{32} - \sqrt{72}$

Answer = ____ $\sqrt{\quad}$

6. $\sqrt{25} + \sqrt{80}$

Answer = ____ + ____ $\sqrt{\quad}$

7. $\sqrt{42} - \sqrt{92}$

Answer = ____ $\sqrt{\quad}$ + ____ $\sqrt{\quad}$

8. $\sqrt{40} + \sqrt{40}$

Answer = ____ $\sqrt{\quad}$

9. $\sqrt{24} + \sqrt{48} - \sqrt{75}$

Answer = ____ $\sqrt{\quad}$ + ____ $\sqrt{\quad}$

10. $\sqrt{32} - \sqrt{98} + \sqrt{24}$

Answer = ____ $\sqrt{\quad}$ + ____ $\sqrt{\quad}$