

Name: _____

Math is Gold

Date: _____

Topic: Radicals

(id:rad_add_B.1)

Title: Simplify the radicals

1) $2\sqrt{3} - 5\sqrt{3}$

2) $3\sqrt{7} + 4\sqrt{7}$

3) $2\sqrt{3} + 3\sqrt{27}$

4) $3\sqrt{3} + 2\sqrt{12}$

5) $2\sqrt{7} + \sqrt{63}$

6) $\sqrt{28} - 4\sqrt{7}$

$$7) 2\sqrt{8} + \sqrt{72}$$

$$8) 2\sqrt{10} + 5\sqrt{90}$$

$$9) \sqrt{5} + 2\sqrt{125}$$

$$10) 2\sqrt{32} - 4\sqrt{18}$$

$$11) \sqrt{40} + 3\sqrt{90}$$

$$12) 4\sqrt{75} - \sqrt{12}$$

$$13) 4\sqrt{6} - 2\sqrt{24}$$

$$14) 5\sqrt{6} - 7\sqrt{24}$$

$$15) -3\sqrt{5} + \sqrt{20}$$