

PQ #17

MTH 1825 Practice Quiz for Multiplying Radical Expressions

Multiply. Simplify each answer as much as possible.

1.  $(3 - 5\sqrt{3})(2\sqrt{6} + 7)$

Answer: \_\_\_\_\_

2.  $(3\sqrt{5} + 4\sqrt{7})(2\sqrt{7} - \sqrt{5})$

Answer: \_\_\_\_\_

3.  $(\sqrt{x} - 3\sqrt{7})(\sqrt{x} + 3\sqrt{7})$

Answer: \_\_\_\_\_

4.  $(3\sqrt{w} - \sqrt{5})^2$

Answer: \_\_\_\_\_