

Name:

Math 2

Date:

Practice Quiz 7-B

1. Simplify.

a) $\sqrt{75}$

b) $\sqrt{675}$

c) $\sqrt{a^{36}}$

d) $\sqrt{a^{37}}$

e) $\sqrt{25a^{16}b^8}$

f) $\sqrt{75a^{16}b^9}$

g) $6\sqrt{31} + 8\sqrt{3} + 10\sqrt{12} - \sqrt{31}$

h) $(10 + \sqrt{7})(10 - \sqrt{7})$

i) $(8 + \sqrt{14})(2 + \sqrt{6})$

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