

**Quiz 104** .....

Solve by taking square roots. Leave your answers as improper fractions or radicals in simplest form, if applicable.

1.  $5x^2 - 100 = 0$

2.  $(x + 2)^2 = 81$

3.  $(x - 5)^2 - 5 = 49$

4.  $9(x - 1)^2 = 36$

5.  $3(x + 4)^2 - 13 = 20$