

PC11

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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## SOLVING QUADRATIC EQUATIONS USING THE SQUARE ROOT PRINCIPLE

- Solve, check and state

### LEVEL 1

a)  $x^2 = 96$

b)  $x^2 = 7$

LEVEL 2:

c)  $x^2 - 72 = 0$

d)  $p^2 + 1 = 2$

LEVEL 3:

e)  $3m^2 + 7 = 301$

f)  $10(r - 7)^2 = 440$

LEVEL 4:

g)  $9(2m-3)^2 + 8 = 449$

h)  $(6x+2)^2 + 4 = 28$