



Math worksheet on 'Square and Square Root Equation Solving (Level 2)'. Part of a broader unit on 'Exponents - Advanced'

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**1** Solve for the variable in the equation

$$\sqrt{b} = 7$$

**a**

$$b = 64$$

**b**

$$b = 49$$

**c**

$$b = 60$$

**d**

$$b = 44$$

**e**

$$b = 46$$

**f**

$$b = 54$$

**2** Solve for the variable in the equation

$$n^2 = 36$$

**a**

$$n = 6$$

**b**

$$n = 4$$

**c**

$$n = 8$$

**d**

$$n = 9$$

**e**

$$n = 7$$

**f**

$$n = 5$$

**3** Solve for the variable in the equation

$$\sqrt{r} = 6$$

**a**

$$r = 37$$

**b**

$$r = 36$$

**c**

$$r = 43$$

**d**

$$r = 39$$

**e**

$$r = 52$$

**f**

$$r = 46$$

**4** Solve for the variable in the equation

$$y^2 = 49$$

**a**

$$y = 6$$

**b**

$$y = 8$$

**c**

$$y = 9$$

**d**

$$y = 5$$

**e**

$$y = 10$$

**f**

$$y = 7$$