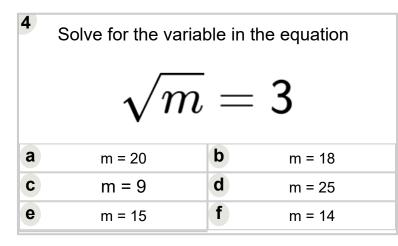**mobius**

Math worksheet on *'Square and Square Root Equation Solving (Level 1)'*. Part of a broader unit on *'Exponents - Advanced'*

Learn online: app.mobius.academy/math/units/exponents_advanced/

1 Solve for the variable in the equation

$$p^2 = 16$$

a	b	c
p = 7	p = 4	p = 3
d	**e**	**f**
p = 6	p = 5	p = 2

2 Solve for the variable in the equation

$$\sqrt{y} = 5$$

a	b
y = 41	y = 20
c	**d**
y = 25	y = 44
e	**f**
y = 34	y = 24

3 Solve for the variable in the equation

$$m^2 = 9$$

a	b	c
m = 2	m = 1	m = 4
d	**e**	**f**
m = 6	m = 5	m = 3

4 Solve for the variable in the equation

$$\sqrt{m} = 3$$

a	m = 20	**b**	m = 18
c	m = 9	**d**	m = 25
e	m = 15	**f**	m = 14

5 Solve for the variable in the equation

$$\sqrt{d} = 2$$

a	b
d = 7	d = 1
c	**d**
d = 10	d = 13
e	**f**
d = 4	d = 9

6 Solve for the variable in the equation

$$b^2 = 4$$

a	b	c
b = 2	b = 3	b = 0
d	**e**	**f**
b = 1	b = 4	b = 5

7 Solve for the variable in the equation

$$\sqrt{p} = 4$$

a	b
p = 29	p = 16
c	**d**
p = 14	p = 17
e	**f**
p = 21	p = 19