

**Determine square roots of perfect squares**

- 1** How can this perfect square be represented as a squared integer?
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A 6^2	B 10^2	C 7^2
D 9^2	E 12^2	F 5^2

- 2** Simplify the radical

$$\sqrt{3 \cdot 3}$$

A 1	B 2
C 3	D $\sqrt{3}$

- 3** Simplify the radical

$$\sqrt{2^2 \cdot 2^2}$$

A 7	B $\sqrt{2}$	C 4
D 5	E $5\sqrt{2}$	

- 4** Solve for the variable in the equation

$$\sqrt{y} = 5$$

A $y = 31$	B $y = 41$
C $y = 25$	D $y = 20$
E $y = 24$	F $y = 23$

- 5** Find the integer that can be squared to give the perfect square shown

$$?^2 = 121$$

A 15,129	B 11
C 14	D 14,884
E 14,641	F 10

- 6** Find the square root of the given perfect square

$$\sqrt{121}$$

A 14,400	B 14,641
C 15,625	D 8
E 12	F 11

- 7** Simplify the radical

$$\sqrt{16}$$

A 4	B 1	C 6
D 3	E 5	

- 8** Solve for the variable in the equation

$$b^2 = 49$$

A $b = 10$	B $b = 6$
C $b = 9$	D $b = 7$
E $b = 8$	F $b = 5$

**Determine square roots of perfect squares****9**

Find the integer that can be squared to give the perfect square shown

$$?^2 = 36$$

A 1,156	B 1,089	C 3
D 6	E 10	F 1,600

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Find the square root of the given perfect square

$$\sqrt{100}$$

A 7	B 10	C 9,801
D 6	E 8	F 13

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Solve for the variable in the equation

$$z^2 = 64$$

A $z = 10$	B $z = 8$
C $z = 9$	D $z = 6$
E $z = 7$	F $z = 11$

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Find the integer that can be squared to give the perfect square shown

$$?^2 = 25$$

A 3	B 6	C 4
D 5	E 2	F 8