

**Determine square roots of perfect squares**

- 1** How can this perfect square be represented as a squared integer?
 81

A 9^2	B 7^2	C 12^2
D 10^2	E 5^2	F 6^2

- 2** Simplify the radical

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

A 1	B 5	C 2
D $4\sqrt{3}$	E 4	

- 3** Simplify the radical
 $\sqrt{3^2}$

A 3	B 1
C 4	D $4\sqrt{3}$

- 4** Find the square root of the given perfect square
 $\sqrt{49}$

A 2,704	B 2,304	C 5
D 7	E 2,209	F 3

- 5** Find the integer that can be squared to give the perfect square shown
 $?^2 = 81$

A 6,889	B 8	C 9
D 10	E 7	F 6

- 6** Simplify the radical
 $\sqrt{16}$

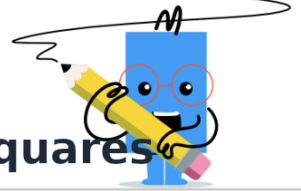
A 1	B 4	C 6
D 5	E 3	

- 7** Find the square root of the given perfect square
 $\sqrt{36}$

A 10	B 5	C 6
D 7	E 1,156	F 8

- 8** Find the integer that can be squared to give the perfect square shown
 $?^2 = 36$

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

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

Find the square root of the given perfect square

$$\sqrt{64}$$

A 4	B 8	C 12
D 4,225	E 6	F 11

10

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

$$?^2 = 144$$

A 14	B 20,449
C 12	D 9
E 13	F 16

11

Find the square root of the given perfect square

$$\sqrt{9}$$

A 36	B 4	C 3
D 1	E 2	F 64

12

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

$$?^2 = 169$$

A 29,241	B 27,556
C 13	D 14
E 17	F 28,900