



## Square Roots Approximating Between Perfect Square Roots

**1** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{7}} < \sqrt{?}$$

A	B	C	D	E	F
2, 7	2, 15	4, 19	4, 16	4, 9	1, 9

**2** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{29}} < \sqrt{?}$$

A	21, 42	B	25, 36
C	25, 49	D	27, 36
E	25, 32	F	25, 38

**3** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{11}} < \sqrt{?}$$

A	9, 25	B	11, 18
C	9, 34	D	9, 16
E	4, 16	F	9, 24

**4** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{28}} < \sqrt{?}$$

A	25, 44	B	25, 49
C	27, 34	D	23, 42
E	25, 46	F	25, 36

**5** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{43}} < \sqrt{?}$$

A	40, 67	B	40, 65
C	25, 49	D	38, 49
E	36, 49	F	32, 61

**6** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{21}} < \sqrt{?}$$

A	18, 25	B	16, 31
C	16, 25	D	18, 23
E	16, 37	F	16, 33

**7** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{20}} < \sqrt{?}$$

A	18, 27	B	16, 25
C	16, 41	D	16, 35
E	16, 21	F	9, 25

**8** Find the closest perfect square roots above and below the given square root

$$\sqrt{?} < \sqrt{\overset{\text{root}}{2}} < \sqrt{?}$$

A	B	C	D	E	F
1, 14	1, 16	1, 6	1, 9	1, 4	1, 20