



Square Roots Approximating Between Perfect Square Roots

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{157}} < \sqrt{?}$$

A	140, 169	B	146, 169
C	140, 185	D	144, 169
E	142, 183	F	121, 169

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{76}} < \sqrt{?}$$

A	60, 79	B	66, 91
C	60, 77	D	64, 81
E	68, 81	F	62, 81

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{162}} < \sqrt{?}$$

A	148, 167	B	144, 165
C	121, 169	D	144, 169
E	146, 165	F	144, 196

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{154}} < \sqrt{?}$$

A	148, 163	B	142, 169
C	144, 169	D	144, 196
E	146, 171	F	140, 169

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{151}} < \sqrt{?}$$

A	148, 161	B	144, 165
C	144, 196	D	148, 185
E	144, 169	F	148, 179

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{161}} < \sqrt{?}$$

A	144, 165	B	144, 169
C	144, 167	D	142, 179
E	144, 177	F	140, 169

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{135}} < \sqrt{?}$$

A	125, 160	B	121, 152
C	121, 169	D	121, 144
E	121, 142	F	123, 142

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

$$\sqrt{?} < \sqrt{\overset{\text{root}}{94}} < \sqrt{?}$$

A	81, 98	B	79, 104
C	77, 114	D	81, 100
E	79, 100	F	64, 100