



Math worksheet on 'Square Roots Approximating Between Perfect Square Roots (Level 4)'. Part of a broader unit on 'Squares and Square Roots - Advanced'

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

$$\sqrt{?} < \sqrt{132} < \sqrt{?}$$

a	100, 144	b	123, 154
c	123, 142	d	121, 140
e	119, 144	f	121, 144

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

$$\sqrt{?} < \sqrt{156} < \sqrt{?}$$

a	140, 169	b	148, 179
c	140, 187	d	144, 169
e	140, 163	f	146, 175

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

$$\sqrt{?} < \sqrt{138} < \sqrt{?}$$

a	125, 138	b	123, 154
c	117, 156	d	117, 142
e	100, 144	f	121, 144

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

$$\sqrt{?} < \sqrt{151} < \sqrt{?}$$

a	148, 179	b	148, 185
c	144, 169	d	148, 161
e	144, 165	f	144, 196

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

$$\sqrt{?} < \sqrt{159} < \sqrt{?}$$

a	121, 169	b	144, 175
c	144, 169	d	144, 185
e	148, 167	f	148, 175

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

$$\sqrt{?} < \sqrt{154} < \sqrt{?}$$

a	140, 169	b	148, 163
c	144, 169	d	144, 196
e	146, 171	f	142, 169

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

$$\sqrt{?} < \sqrt{161} < \sqrt{?}$$

a	144, 165	b	144, 167
c	144, 169	d	144, 177
e	140, 169	f	142, 179