



Math worksheet on 'Square Roots Approximating Between Perfect Square Roots (Level 3)'. Part of a broader unit on 'Squares and Square Roots - Advanced'

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

$$\sqrt{?} < \sqrt{76} < \sqrt{?}$$

a	64, 81	b	68, 81
c	62, 81	d	60, 79
e	66, 91	f	60, 77

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

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

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

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

$$\sqrt{?} < \sqrt{162} < \sqrt{?}$$

a	144, 169	b	144, 196
c	144, 173	d	144, 171
e	146, 187	f	140, 163

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

$$\sqrt{?} < \sqrt{107} < \sqrt{?}$$

a	100, 144	b	96, 129
c	100, 121	d	104, 115
e	102, 125	f	104, 117

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

$$\sqrt{?} < \sqrt{127} < \sqrt{?}$$

a	121, 146	b	121, 142
c	121, 144	d	117, 142
e	123, 156	f	100, 144

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

$$\sqrt{?} < \sqrt{135} < \sqrt{?}$$

a	121, 142	b	121, 144
c	123, 142	d	121, 152
e	121, 169	f	125, 160

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

$$\sqrt{?} < \sqrt{129} < \sqrt{?}$$

a	121, 144	b	125, 144
c	119, 138	d	123, 144
e	121, 169	f	121, 138