



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

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1 Find the closest perfect squares above and below the given number

$$\bigcirc < 12.3^2 < \bigcirc$$

a	148, 185	b	146, 179
c	148, 177	d	144, 161
e	148, 163	f	144, 169

2 Find the closest perfect squares above and below the given number

$$\bigcirc < 11.7^2 < \bigcirc$$

a	121, 144	b	100, 144
c	121, 169	d	123, 142
e	121, 148	f	121, 160

3 Find the closest perfect squares above and below the given number

$$\bigcirc < 11.4^2 < \bigcirc$$

a	121, 138	b	100, 144
c	117, 162	d	121, 144
e	121, 162	f	121, 136

4 Find the closest perfect squares above and below the given number

$$\bigcirc < 12.5^2 < \bigcirc$$

a	146, 161	b	146, 173
c	121, 169	d	144, 169
e	144, 196	f	144, 183

5 Find the closest perfect squares above and below the given number

$$\bigcirc < 11.5^2 < \bigcirc$$

a	121, 144	b	100, 144
c	119, 150	d	125, 142
e	121, 142	f	121, 140

6 Find the closest perfect squares above and below the given number

$$\bigcirc < 12.7^2 < \bigcirc$$

a	144, 169	b	144, 196
c	146, 185	d	144, 163
e	121, 169	f	146, 163

7 Find the closest perfect squares above and below the given number

$$\bigcirc < 12.4^2 < \bigcirc$$

a	146, 165	b	142, 181
c	144, 171	d	148, 175
e	140, 171	f	144, 169