



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

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

<b>a</b>	121, 144	<b>b</b>	100, 144
<b>c</b>	119, 144	<b>d</b>	121, 150
<b>e</b>	117, 150	<b>f</b>	121, 148

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

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

<b>a</b>	119, 156	<b>b</b>	121, 144
<b>c</b>	121, 136	<b>d</b>	121, 156
<b>e</b>	100, 144	<b>f</b>	121, 169

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

$$\bigcirc < 11.6^2 < \bigcirc$$

<b>a</b>	117, 150	<b>b</b>	121, 142
<b>c</b>	121, 144	<b>d</b>	121, 169
<b>e</b>	100, 144	<b>f</b>	123, 140

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

$$\bigcirc < 12.6^2 < \bigcirc$$

<b>a</b>	144, 161	<b>b</b>	144, 169
<b>c</b>	144, 173	<b>d</b>	144, 167
<b>e</b>	140, 169	<b>f</b>	148, 161

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

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

<b>a</b>	144, 169	<b>b</b>	142, 175
<b>c</b>	148, 169	<b>d</b>	148, 161
<b>e</b>	146, 165	<b>f</b>	144, 196

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

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

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

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

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

<b>a</b>	121, 140	<b>b</b>	121, 144
<b>c</b>	117, 162	<b>d</b>	125, 144
<b>e</b>	121, 169	<b>f</b>	100, 144