

mobius

Math worksheet on 'Square Roots Approximating Between Integers (Level 1)'. Part of a broader unit on 'Squares and Square Roots - Advanced'

Learn online:

app.mobius.academy/math/units/squares_and_square_roots_advanced/

- 2 Find the closest integers to the given square root

$$\bigcirc < \sqrt{40} < \bigcirc$$

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| a 4, 5 | b 6, 7 | c 3, 4 | d 8, 9 | e 5, 6 | f 7, 8 |
|-----------|-----------|-----------|-----------|-----------|-----------|

- 4 Find the closest integers to the given square root

$$\bigcirc < \sqrt{21} < \bigcirc$$

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| a 4, 5 | b 6, 7 | c 2, 3 | d 5, 6 | e 3, 4 | f 1, 2 |
|-----------|-----------|-----------|-----------|-----------|-----------|

- 6 Find the closest integers to the given square root

$$\bigcirc < \sqrt{68} < \bigcirc$$

| | |
|-----------|-------------|
| a 6, 7 | b 10, 11 |
| c 5, 6 | d 9, 10 |
| e 7, 8 | f 8, 9 |

- 1 Find the closest integers to the given square root

$$\bigcirc < \sqrt{3} < \bigcirc$$

| | | |
|-----------|-----------|-----------|
| a 1, 2 | b 3, 4 | c 2, 3 |
|-----------|-----------|-----------|

- 3 Find the closest integers to the given square root

$$\bigcirc < \sqrt{112} < \bigcirc$$

| | |
|-------------|-------------|
| a 12, 13 | b 9, 10 |
| c 7, 8 | d 10, 11 |
| e 11, 12 | f 8, 9 |

- 5 Find the closest integers to the given square root

$$\bigcirc < \sqrt{93} < \bigcirc$$

| | |
|-------------|------------|
| a 11, 12 | b 9, 10 |
| c 7, 8 | d 6, 7 |
| e 10, 11 | f 8, 9 |

- 7 Find the closest integers to the given square root

$$\bigcirc < \sqrt{45} < \bigcirc$$

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| a 8, 9 | b 7, 8 | c 5, 6 | d 3, 4 | e 4, 5 | f 6, 7 |
|-----------|-----------|-----------|-----------|-----------|-----------|