Name:

#1

Choose the best answer

Which number is closest to $-\sqrt{126}$

-10.6

-12.5

-11.2

-11.9

Show your work

#2

Choose the best answer

Which number is closest to $\sqrt{40}$

0 6.7

O 5.9

0 7.4

0 6.3

Show your work

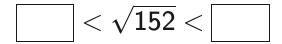
#3

Complete the following statement. Use the integers that are closest to the number in the middle.

$$< -\sqrt{14} < -$$

#4

Complete the following statement. Use the integers that are closest to the number in the middle.



Show your work

#5

Choose the best answer

Which two integers is $\sqrt{42}$ between?

7 and 8

○ 6 and 7

8 and 9

5 and 6

Show your work

#6

Complete the following statement. Use the integers that are closest to the number in the middle.

$$<\sqrt{138}<$$

Name:

#7

Choose the best answer

Which number is closest to $\sqrt{47}$

O 5.5

O 6.5

0 6.9

7.4

Show your work

#8

Choose the best answer

Which two integers is $\sqrt{74}$ between?

7 and 8

 \bigcirc 9 and 10

0 10 and 11

8 and 9

Show your work

#9

Choose the best answer

Which number is closest to $\sqrt{109}$

0 10.9

0 11.5

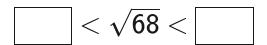
9.6

0 10.4

Name:

#10

Complete the following statement. Use the integers that are closest to the number in the middle.



Show your work

#11

Complete the following statement. Use the integers that are closest to the number in the middle.

$$<\sqrt{20}<$$

Show your work

#12

Complete the following statement. Use the integers that are closest to the number in the middle.

$$<-\sqrt{145}<-$$

a+b Estimate Positive and Negative Square Roots

Answer Key

| Question | Answer |
|----------|----------|
| #1 | choice 3 |
| #2 | choice 4 |
| #3 | 3, 4 |
| #4 | 12, 13 |
| #5 | choice 2 |
| #6 | 11, 12 |
| #7 | choice 3 |
| #8 | choice 4 |
| #9 | choice 4 |
| #10 | 8,9 |
| #11 | 4, 5 |
| #12 | 12, 13 |