

April 8th

NAME _____

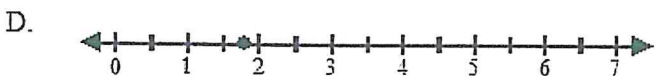
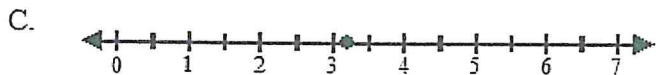
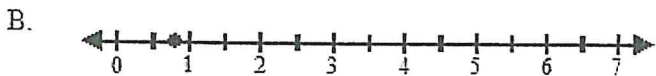
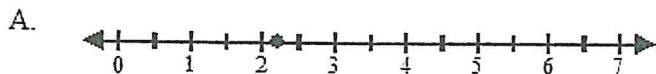
OAS PA.N.1.5

Subskills

89. Approximate square roots

90. Approximate the location of a square root on a number line

1. Which number line shows the approximate location of $\sqrt{5}$?



2. What are the two whole numbers closest to $\sqrt{65}$?

- A. 7 and 8
- B. 64 and 66
- C. 9 and 10
- D. 8 and 9

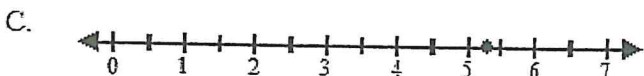
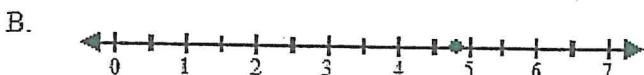
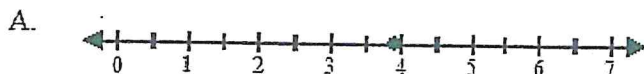
3. What are the two whole numbers closest to $\sqrt{71}$?

- A. 70 and 72
- B. 7 and 8
- C. 9 and 10
- D. 8 and 9

4. What are the two whole numbers closest to $\sqrt{42}$?

- A. 7 and 8
- B. 41 and 43
- C. 5 and 6
- D. 6 and 7

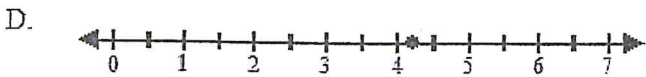
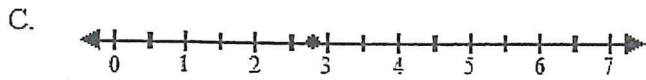
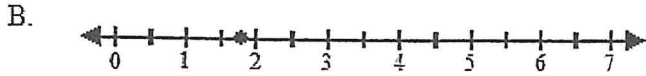
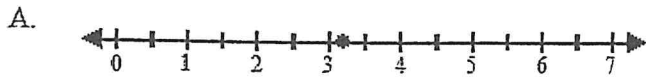
5. Which number line shows the approximate location of $\sqrt{23}$?



6. What are the two whole numbers closest to $\sqrt{136}$?

- A. 135 and 137
- B. 12 and 13
- C. 11 and 12
- D. 10 and 11

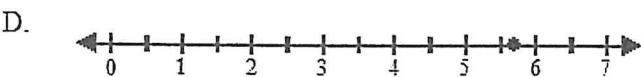
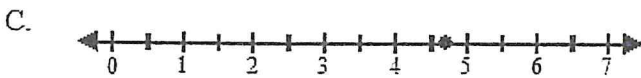
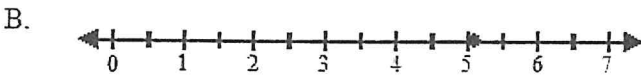
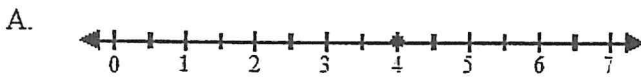
7. Which number line shows the approximate location of $\sqrt{10}$?



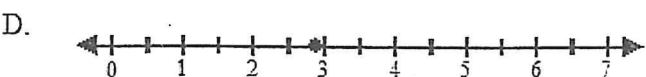
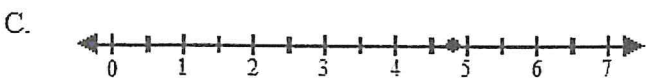
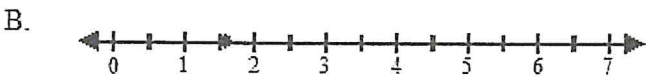
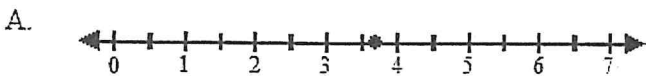
8. What are the two whole numbers closest to $\sqrt{161}$?

- A. 12 and 13
- B. 13 and 14
- C. 11 and 12
- D. 160 and 162

9. Which number line shows the approximate location of $\sqrt{33}$?



10. Which number line shows the approximate location of $\sqrt{14}$?



Using the square roots of perfect squares will help us estimate the square roots.

April 8th

NAME

Key

OAS PA.N.1.5

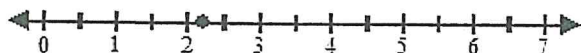
Subskills

89. Approximate square roots

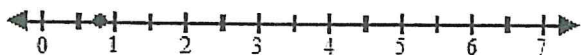
90. Approximate the location of a square root on a number line

1. Which number line shows the approximate location of $\sqrt{5}$? $\sqrt{4} \sqrt{9} = 50$ between 2 + 3

A.



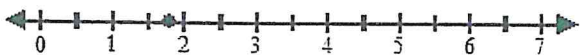
B.



C.



D.



4. What are the two whole numbers closest to $\sqrt{42}$?

A. 7 and 8

$\sqrt{36} - \sqrt{49}$

B. 41 and 43

6 - 7

C. 5 and 6

D. 6 and 7

2. What are the two whole numbers closest to $\sqrt{65}$?

A. 7 and 8

$\sqrt{64} - \sqrt{81}$

B. 64 and 66

8 - 9

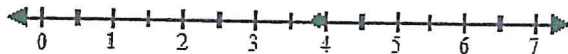
C. 9 and 10

D. 8 and 9

5. Which number line shows the approximate location of $\sqrt{23}$?

$\sqrt{16} - \sqrt{25}$

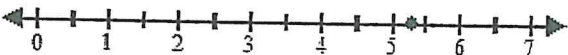
A.



B.



C.



D.



3. What are the two whole numbers closest to $\sqrt{71}$?

A. 70 and 72

$\sqrt{64} - \sqrt{81}$

B. 7 and 8

8 - 9

C. 9 and 10

D. 8 and 9

6. What are the two whole numbers closest to $\sqrt{136}$?

A. 135 and 137

$\sqrt{121} - \sqrt{144}$

B. 12 and 13

Maltz 2017

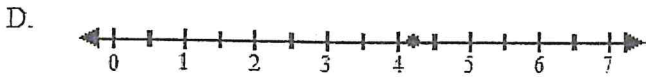
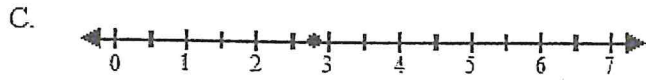
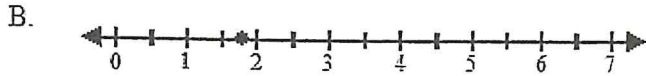
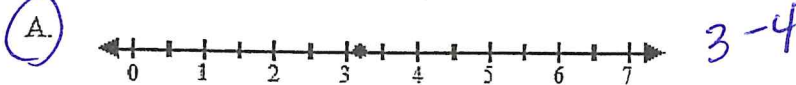
C. 11 and 12

11 - 12

D. 10 and 11

7. Which number line shows the approximate location of $\sqrt{10}$?

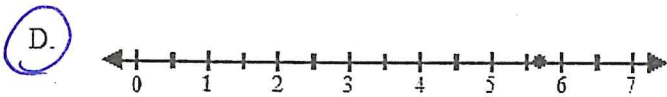
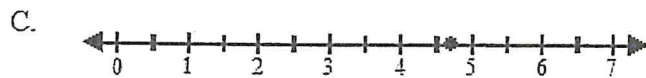
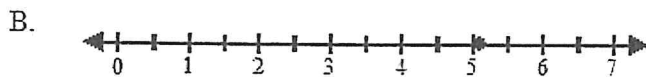
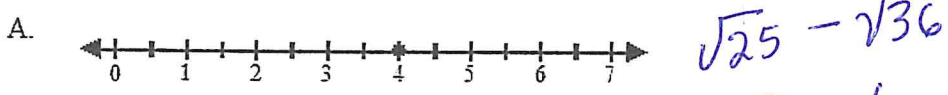
$\sqrt{9}$ $\sqrt{16}$



8. What are the two whole numbers closest to $\sqrt{161}$?

- A. 12 and 13
 - B. 13 and 14
 - C. 11 and 12
 - D. 160 and 162
- $\sqrt{144} - \sqrt{169}$
 $12 - 13$

9. Which number line shows the approximate location of $\sqrt{33}$?



10. Which number line shows the approximate location of $\sqrt{14}$?

