

2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment

7.1d

1. Identify the two perfect squares listed below.

10

24

64

163

200

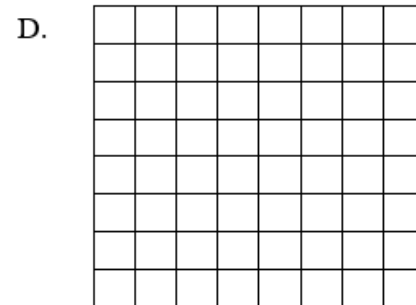
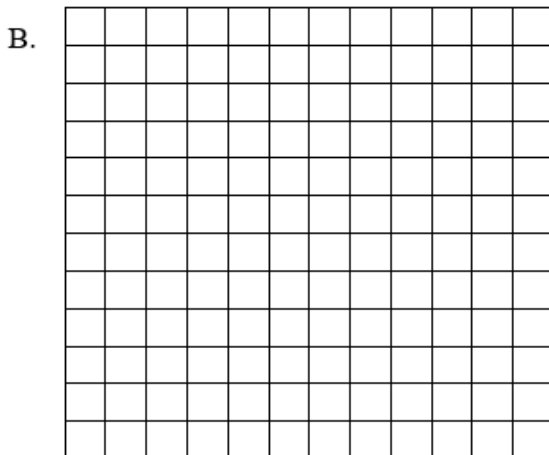
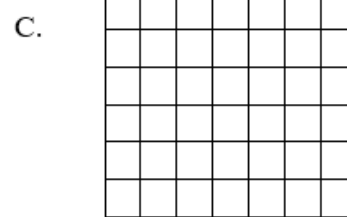
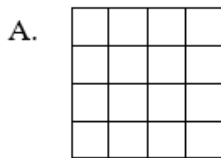
265

361

2. Use your knowledge of perfect squares and square roots to complete the table below.

Square Root	Perfect Square
	4
3	
	16
	121
15	
	400

3. Which of the following pictures does *not* represent a perfect square?



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4. Which of the following represents  $\sqrt{196}$ ?

- A. 13
- B. 14
- C. 15
- D. 16

5. What is  $\sqrt{9}$ ?

- A. 3
- B. 6
- C. 18
- D. 81

6. Which of the following has a square root of 16?

- A. 4
- B. 32
- C. 186
- D. 256