

2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

3.16

1. Look at this pattern.



If the pattern continues in the same way. Draw the next three shapes.

2. Using the given rule for each table, fill in the correct numbers to complete the input/output table.

Rule: Subtract 4	
Input	Output
23	19
20	?
17	?

Rule: Add 7	
Input	Output
4	?
5	?
8	?

3. Look at the pattern of numbers shown below.

3, 5, 7, ..

What will be the next number in the pattern?

- a. 9
 - b. 12
 - c. 16
 - d. 20
4. Look at the pattern.

2, 5, 8, 11, ...

Which pattern has the same structure?

- a. 4, 7, 10, 13
- b. 4, 7, 9, 11
- c. 4, 5, 6, 7
- d. 11, 12, 13, 14

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5. Which term could be used to replace the \square , in the following pattern?
3, \square , 11, 15, 19

- a. 4
- b. 7
- c. 6
- d. 9