

Sequences - rule and next 2 terms

Name: _____ Class: _____ Date: _____

Mark / 8 %

1) a) Write the next two numbers in the sequence below. [1]

10, 13, 16, 19, 22

b) Write the term-to-term rule for finding the next number in the sequence above.

2) a) Write the next two numbers in the sequence below. [1]

95, 99, 103, 107, 111

b) Write the term-to-term rule for finding the next number in the sequence above.

3) a) Write the next two numbers in the sequence below. [1]

2, 7, 12, 17, 22

b) Write the term-to-term rule for finding the next number in the sequence above.

4) a) Write the next two numbers in the sequence below. [1]

-77, -72, -67, -62, -57

b) Write the term-to-term rule for finding the next number in the sequence above.

5) a) Write the next two numbers in the sequence below.

[1]

22, 18, 14, 10, 6

b) Write the term-to-term rule for finding the next number in the sequence above.

6) a) Write the next two numbers in the sequence below.

[1]

95, 90, 85, 80, 75

b) Write the term-to-term rule for finding the next number in the sequence above.

7) a) Write the next two numbers in the sequence below.

[1]

4, 2, 0, -2, -4

b) Write the term-to-term rule for finding the next number in the sequence above.

8) a) Write the next two numbers in the sequence below.

[1]

-8, -12, -16, -20, -24

b) Write the term-to-term rule for finding the next number in the sequence above.

Solutions for the assessment Sequences - rule and next 2 terms

1) a) 25, 28 b) add 3

2) a) 115, 119 b) add 4

3) a) 27, 32 b) add 5

4) a) -52, -47 b) add 5

5) a) 2, -2 b) subtract 4

6) a) 70, 65 b) subtract 5

7) a) -6, -8 b) subtract 2

8) a) -28, -32 b) subtract 4