Math Practice - Grade 3

M6 Two step problems and patterns - Number patterns

M6 3.OA.D.8, 3.OA.D.9

Name: _____ Date: _____

Write the rule and the next two numbers.

Example: Write the rule and the next two numbers.

How: Look at how each number changes to the next. If the numbers change by the same amount each time, that amount is the rule.

11 , 15 , 19 , 23 , 27 , 31 35

Rule: add 4

1

17 , 22 , 27 , 32 , 37 , ☐ ☐

Rule: ☐

2

20 , 30 , 40 , 50 , 60 , ☐ ☐

Rule: ☐

3

60 , 55 , 50 , 45 , 40 , ☐ ☐

Rule: ☐

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M6 3.OA.D.8, 3.OA.D.9

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How: Look at how each number changes to the next. If the numbers change by the same amount each time, that amount is the rule.

83 , 78 , 73 , 68 , 63 , 58 53

Rule: subtract 5

1

21 , 25 , 29 , 33 , 37 , ☐ ☐

Rule: ☐

2

81 , 76 , 71 , 66 , 61 , ☐ ☐

Rule: ☐

3

22 , 25 , 28 , 31 , 34 , ☐ ☐

Rule: ☐

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Example: Write the rule and the next two numbers.

How: Look at how each number changes to the next. If the numbers change by the same amount each time, that amount is the rule.

9 , 12 , 15 , 18 , 21 , 24 , 27

Rule: add 3

1

30 , 34 , 38 , 42 , 46 , ☐ ☐

Rule: ☐

2

5 , 10 , 15 , 20 , 25 , ☐ ☐

Rule: ☐

3

17 , 21 , 25 , 29 , 33 , ☐ ☐

Rule: ☐