**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MONDAY**

**Part I: Geometric Patterns**

Directions: Label the pattern and then find the set that shows the same pattern.

1) Which of the following has this same pattern?

**F**

**G**

**H**

**J**

**Part II: Numeric Patterns**

2) **What is the rule for the pattern below?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 5 | 10 | 15 | 20 | 25 |  |

 **F** subtract by 2 **H** add 5

 **G** subtract by 5 **J** add 30

 **Patterns and Counting HW**

**TUESDAY**

**Part I: Numeric Patterns**

1) What is the next term in this growing pattern?

 7, 8, 10, 13, 17, \_\_\_\_\_

2) Julie created the pattern shown below.

 **2, 5, 8, 11, 14, 17, …**

Which of the following is a pattern with the same rule.

**A** 1, 4, 7, 10, 13, …

 **B** 4, 7, 10, 11, 12, …

**C** 6, 9, 12, 15, 16, …

**D** 3, 6, 7, 8, 9, …

3) Look at this pattern of numbers: 50, 46, 42, 38, 34, …

 Which of the following statements is TRUE?

**A** This is a growing pattern.

**B** This is a pattern of numbers less than 33.

**C** This is a repeating pattern.

**D** This set of numbers does not have a pattern.

4) What is the rule for this growing pattern?

22, 26, 30, 34, 38…

**A** add 2 **C** add 4

**B** subtract 4 **D** subtract 4

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**WEDNESDAY**

****

1)

****

2)

3) **Circle the sets that have an even number of fruit, put an X on the sets that have an odd number of fruit.**

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**THURSDAY**

**Directions: skip count by 2, 5, or 10.**

1) Starting at the number fourteen, skip count by two.

\_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_

2) Starting at the number 35, skip count by five.

\_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_

3) Starting at the number twenty, skip count by ten.

\_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_

**Circle all of the following that are NOT correctly counting by twos:**

4 6 8 10 12 15 18 20

64 66 68 70 72 74 76 78

20 25 30 35 40 45 50 55

70 72 74 76 78 80 82 84