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

**MONDAY**

**Part 1: Write the rule for each pattern below. Then fill in the next two numbers.**

1. 23, 26, 29, 32, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. 54, 46, 38, 30, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

3. 27, 32, 37, 42, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

4.

 **\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_**

Circle one. Growing OR Repeating

Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

****

5**.**

 **\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_**

Circle one. Growing OR Repeating

Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 1: Write either commutative, identity, or neither next to each of the following.**

1. 32 + 1 = 32 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. 7 x 3 = 3 x 7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. 16 x 0 = 16 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. 21 + 5 = 21 + 5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 **Patterns HW**

**TUESDAY**

**Part 1: Write the rule for each pattern below. Then fill in the next two numbers.**

1. 17, 23, 29, 35, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. 75, 100, 125, 150, \_\_\_\_\_\_, \_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

3. 10, 40, 70, 100, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_



4.

 **\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_**

Circle one. Growing OR Repeating

Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



5. \_\_\_\_\_\_\_, \_\_\_\_\_\_\_

Circle one. Growing OR Repeating

What would be the 20th figure if the pattern continued? \_\_\_\_\_\_

**Review**

**Part 2: Create a number sentence related to each of the facts below.**

6. 27 ÷ 3 = 9 7. 7 x 8 =56

 27 = 3 \_\_\_ \_\_\_ 56 \_\_\_\_ \_\_\_\_ = 7

**Part 1: Circle each of the following that shows the commutative property of addition or multiplication.**

3 x 4 = 4 x 3 12 + 3 = 15 7 x 3 = 3 x 7

13 + 0 = 13 8 + 6 = 6 + 8 9 + 0 = 0 + 9

**WEDNESDAY**

**Part 1: Write the rule for each pattern below. Then fill in the next two numbers.**

1. 99, 96, 93, 90, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. 73, 63, 53, 43, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

3. 1, 2, 4, 8, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_



4.

 **\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_**

Circle one. Growing OR Repeating

Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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5. 

What piece of fruit belongs in the blank? \_\_\_\_\_\_\_\_\_\_

If the pattern continues, what shape would be 15th? \_\_\_\_\_\_\_\_\_

**Review**

6. Circle each of the following that shows the identity property of addition or multiplication.

14 + 0 = 14 7 = 0 + 7 8 x 0 = 8

2 x 8 = 16 12 x 1 = 12 5 + 4 = 9

7. Jayla was making bracelets for eight of her friends. She used 6 beads for each bracelet. How many beads will she need in all?

**THURSDAY**

**Part 1: Write the rule for each pattern below. Then fill in the next two numbers.**

1. 47, 51, 55, 59, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. 35, 50, 65, 70, \_\_\_\_\_\_, \_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

3. 110, 112, 114, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ Rule: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Part I: Fill in the next two figures for each pattern below.**

|  |  |
| --- | --- |
| 4.Picture 1 | **\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_** |
| 5.Picture 2 | **\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_** |

6. Circle all of the following that are true.

 8 x 4 = 20 + 12 15 x 2 = 30 ~ 2

 24 + 6 = 3 x 10 12 ~ 4 = 12 - 3

 16 ~ 4 = 4 + 4 25 + 10 = 7 x 5

Write each of the following in standard form.

7. two hundred sixty-four thousand, five hundred nineteen

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. fifty-four thousand, six hundred twenty-nine

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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