Name $\qquad$ Date $\qquad$

## Spring Patterns

Instructions: Spring is a time for new life. Nature often follows patterns and repeats itself according to those patterns. Complete
 the patterns below and answer the questions. The first one has been started for you.

Pattern Rule: Add 5. Start at 3.
3
8
_13_
$\qquad$
Bonus Question: What else can be observed about this pattern?
It alternates between even and odd. The numbers always end in 3 or 8 .

Pattern Rule: Add 10. Start at 2.
$\square$
Bonus Question: What else can be observed about this pattern?

Pattern Rule: Multiply by 2. Start at 4.
4
Bonus Question: What else can be observed about this pattern?

Pattern Rule: Subtract 3. Start at 33.
33 30

Bonus Question: What else can be observed about this pattern?

Name $\qquad$ Date $\qquad$

## Patterns Answer Key

Instructions: Spring is a time for new life. Nature often follows patterns and repeats itself according to those patterns. Complete the patterns below and
 answer the questions. The first one has been started for you.

Pattern Rule: Add 5. Start at 3.
3
8
_13_
_18 $\qquad$
$\qquad$
Bonus Question: What else can be observed about this pattern?
it alternates between even and odd. The numbers always end in 3 or 8 .

Pattern Rule: Add 10. Start at 2.
_2_ _12_
22 $\qquad$ $-42$

Bonus Question: What else can be observed about this pattern?
It will always end in 2.

Pattern Rule: Multiply by 2. Start at 4.
4 $\qquad$ 8_ 16 $\qquad$ _32_ _64 $\qquad$ _128__

Bonus Question: What else can be observed about this pattern? It is always an even number. The distance between numbers grows.

Pattern Rule: Subtract 3. Start at 33.
33
30 $\qquad$ _2 _21_ _18__

Bonus Question: What else can be observed about this pattern?
The number will always be divisible by 3 .

