

PATTERNS AND EQUALITY REVIEW

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice completing patterns.

To maintain equality in an equation by finding the missing value.

Necessary Information:

Patterns can be repeating or growing.

Repeating pattern: Ex: 1, 2, 2, 1, 2, 2, 1, 2, 2, ...

Growing pattern:

Arithmetic (adding or subtracting the same number each time)

Ex: 20, 17, 14, 11, 8, 5, ... (-3)

Practice Section:

1. Complete the following patterns.

a.  _____, _____, _____

b. 100, 92, 84, 76, _____, _____, _____

c.  _____, _____, _____

d. Add 11 5, _____, _____, _____

e. 5, 10, 15, 20, 25, 30, _____, _____, _____

f. _____, A, B, C, C, C, A, A, B, C, C, C, A, _____, _____, C, C, C

g. Subtract 6 _____, _____, _____, 50, 44

2. Find the missing value. Remember to line up your equal signs.

a. $\Delta + 13 = 20$

e. $3 = \odot - 22$

b. $50 - \# = 28$

f. $20 - \blacklozenge = 15 + 2$

c. $19 + \Omega = 29$

g. $1002 = \text{♪} + 750$

d. $24 = \text{☺} - 14$

h. $\heartsuit + \heartsuit = 26$

In Your Real World:

With a family member:

a) Create your own pattern (like in #1). Solve it!

b) Create an equation with a missing value (like in #2) Don't forget to solve it too!