

Name: _____

Wednesday

Math Practice: Understand Patterns (3.OA.9)

Study the function machine. Find the output.

$$8 \rightarrow \left(+ 15 \right) \rightarrow _$$

$$42 \rightarrow \left(+ 25 \right) \rightarrow _$$

$$21 \rightarrow \left(+ 32 \right) \rightarrow _$$

$$35 \rightarrow \left(- 30 \right) \rightarrow _$$

$$86 \rightarrow \left(- 17 \right) \rightarrow _$$

$$39 \rightarrow \left(- 13 \right) \rightarrow _$$

Study the function machine. Find the input.

$$_ \rightarrow \left(+ 3 \right) \rightarrow 43$$

$$_ \rightarrow \left(+ 18 \right) \rightarrow 20$$

$$_ \rightarrow \left(+ 20 \right) \rightarrow 62$$

$$_ \rightarrow \left(- 26 \right) \rightarrow 48$$

$$_ \rightarrow \left(- 14 \right) \rightarrow 28$$

$$_ \rightarrow \left(- 1 \right) \rightarrow 19$$

Study the function machine. What might be the rule?

$$6 \rightarrow \left(_ \right) \rightarrow 12$$

$$15 \rightarrow \left(_ \right) \rightarrow 30$$

$$7 \rightarrow \left(_ \right) \rightarrow 21$$

$$23 \rightarrow \left(_ \right) \rightarrow 69$$

$$18 \rightarrow \left(_ \right) \rightarrow 27$$

$$30 \rightarrow \left(_ \right) \rightarrow 17$$