Monday (easy) – LO: to find and calculate with a one-step rule.

Varied fluency

1a. Match the function to its equivalent algebraic rule.

Add 5 to x	2x
Subtract 10 from x	x – 10
5 less than x	x + 5
Multiply x by 2	x – 5

VF

2a. Circle the function being used here.

10	?	20
4		14
23		33

2a | a + 10 | 10a

VF

3a. Work out the missing inputs and outputs for this function machine.

16	– 9	?
a		?
?		21

VF

4a. Match the equation to its answer if b = 5.

2b	10
b + 4	3
17 – b	9
b – 2	12

VF

Reasoning and problem solving

1a. Jill has four more pets than Lark.

If Lark has x pets, which statement is true?

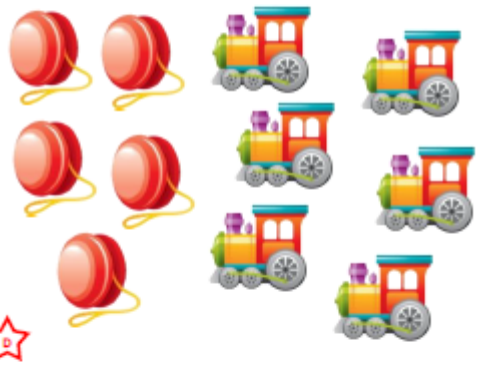
A) Jill has x – 4 pets

B) If Jill has 10 pets, Lark has 14

C) Jill has x + 4 pets

PS

2a. Write an algebraic expression to show how many yoyos there are if trains equals a. Use an addition or subtraction symbol.



PS

3a. Four of the cards are inputs or outputs of the function machine.

Circle the odd one out.

6	16	5	8	14

Explain your reasoning.

R