FRIDAY - LEVEL 2 FLUENCY WEEK 7

3 c and d are both integers less than 15 but greater than zero.

$3c - d = 2$

Complete the table to show different possible values for c and d.

c	1	2	3	4	5
$3c$	3				
d	1				
$3c - d$	2	2	2		

b) Explain why there are no other possible values for c and d.

4 x and y are both multiples of 5 less than 100

If $2x = y$, circle the possible values of x and y.

$x = 20, y = 20$

$x = 10, y = 20$

$x = 20, y = 10$

$y = 90, x = 45$

$x = 35, y = 70$

b) $2e + f = 50$

When $e = 6$, $f =$ ☐

When $e =$ ☐, $f = 20$

2) Tick the pair of numbers that fits this equation.

$3n - m = 5$

☐ $n = 6, m = 12$

☐ $n = 6, m = 13$

☐ $n = 18, m = 13$

5a. Which pair of values does not satisfy the equation?

$$a \div b = 9$$

$a = 72$, $b = 8$	$a = 94$, $b = 11$	$a = 54$, $b = 6$

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6a. Use the numbers in the table to find all the possible combinations for the two variables below.

$$x - y = 33$$

72	61	12	56
45	23	28	39

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7a. Work out the values of b and c.

$a = 12$

$a + b = 20$

$c + b = 35$

$b =$ ☐ $c =$ ☐

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8a. List three possible values for a and b, where $c = 75$.

$$5a + b = c$$