Week 15

Friday 3rd July 2020

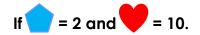
Year 5 Finding Pairs of values - Varied Fluency Watch the demonstration on finding pairs of values: https://www.youtube.com/watch?v=O-bQyDTtPz4

*As Algebra is mainly a year 6 objective, you only have to complete **D** and **E**

Substitution

Substitution

1a. Match the expressions to their values.





1b. Match the expressions to their values.

If
$$= 5$$
 and $= 25$.



企

2a. True or false?

If
$$a = 10$$
 and $b = 5$.

$$2a + b = 22$$



2b. True or false?

If
$$a = 7$$
 and $b = 15$.

$$2b - 2a = 16$$



3a. Tick the substitution used for this expression if the value is 225.

$$a + 2b$$

$$a = 100, b = 25$$



3b. Tick the substitution used for this expression if the value is 100.

$$a - 2b$$

$$a = 200, b = 50$$

$$a = 50$$
, $b = 200$





4a. Who is correct?

$$a = 20, b = 4$$



Mo





4b. Who is correct?







b – 2a

is 100 - 5 = 95



Mia

Substitution

Substitution

5a. Match the expressions to their values.

If
$$\bigstar = 5$$
 and $\bullet = 2$.

5b. Match the expressions to their values.

If
$$= 0.5$$
 and $= 8$.





6a. True or false?

If
$$x = 10$$
, $y = 2$ and $z = 5$.

$$3x + y + z = 37$$



6b. True or false?

If
$$x = \frac{1}{3}$$
, $y = 1$ and $z = 10$.

$$(6x - y) + z = 27$$



7a. Tick the substitution used for this expression if the value is 75.

$$p = 10, q = 2.5, r = 3$$

$$p = 10, q = 3, r = 2$$



7b. Tick the substitution used for this expression if the value is 93.

a = 0.5, b = 10 and c = 9

$$q = 25, r = 7$$

$$q = 30, r = 25$$

8b. Who is correct?





8a. Who is correct?

$$a = 12$$
 and $b = 6$



a x b is 12 x 6 = 72

Jacob



Lily

a x b is 12 x 4 = 48



Tobias

2a x (b x c) is 10 x 90 = 900

2a x (b x c)

is $1 \times 90 = 90$



Hafsa

