

FRIDAY LEVEL 1 FLUENCY WEEK 7

For each question, find three possible values for a and b . Each value should only be a one-digit or two-digit whole number.



1. $a + b = 14$

+ = 14
 + = 14
 + = 14

4. $3a - b = 12$

$3 \times$ - = 12
 $3 \times$ - = 12
 $3 \times$ - = 12

9. $a \div b = 3$

$\div$ = 3
 $\div$ = 3
 $\div$ = 3

- 1 Class 6 are trying to solve a number puzzle.

 +  +  = 10

a)



Dexter

The triangle could be 3 and the circle could be 4

Do you agree with Dexter?

Explain why.

b)

The triangle is worth 4



Dora

What is the value of the circle in Dora's number puzzle?

- c) Find other pairs of values that the triangle and circle could equal.
 Find three pairs.

- 2 a and b are whole numbers.

$2a + b = 14$

Complete the table to show different possible values for a and b .

a	0	1	2	3	4	5	6	7
$2a$	0	2						
b	14							
$2a + b$	14	14	14	14				

- 1a. Which pair of values does not satisfy the equation?

$a \div b = 3$

$a = 18$
 $b = 6$

$a = 12$
 $b = 4$

$a = 16$
 $b = 4$



VF

- 2a. Use the numbers in the table to find all the possible combinations for the two variables below.

$a - b = 5$

12	14	3	7
15	19	10	8



VF

- 3a. Work out the values of b and c .

$a = 8$

$a + b = 17$

$c + b = 13$

$b =$ $c =$



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