

Enumerate Possibilities

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9a. True or false? Cheyanne has worked this out correctly.

$$x = 12.5$$

$$x + y = 28$$

$$v + y = 20.5$$

$$y = 15 \quad v = 5.5$$



VF

9b. True or false? Khaleed has worked this out correctly.

$$t = 0.5$$

$$t \times s = 4$$

$$t - y = -6.5$$

$$s = 4 \quad y = 6.5$$



VF

10a. Use the table to find all the possible combinations for these two variables.

$$x - y = -5.5$$

10	1	12	0.5
-4.5	6	6.5	4.5



VF

10b. Use the table to find all the possible combinations for these two variables.

$$2x + y = 22.5$$

11	0.5	9	6.5
2.5	10	4.5	8



VF

11a. List three possible values for c and d , where $e = 25$

$$3c + 2d = e$$



VF

11b. List three possible values for c and d , where $e = 3$

$$2c - 2d = e$$



VF

12a. Heidi wants to buy some charms. Some are £1.20, some are £2.00. She can spend £12.00 exactly. What combinations of charms could she buy?



VF

12b. Flynn wants to buy some stickers. Some are £1.20, some are £1.00. He can spend £15.00 exactly. What combinations of stickers could he buy?



VF