

Find Pairs of Values 2

1a. Vivian is finding possible values for h and i .

$$5h + 3i = 50$$



If h equals 7,
 i must equal 15.

Is Vivian correct? Explain your answer.



Find Pairs of Values 2

1b. Ralph is finding possible values for x and y .

$$2x + 5y = 40$$



If x equals 15,
 y must equal 10.

Is Ralph correct? Explain your answer.



2a. If a is an odd number and b is 25, which of these could be true?

- A. $2a + 3b = 105$
- B. $a + a - 4b = 4$
- C. $4a \div 4b = 20$
- D. $3a + 3b = 96$

Convince me.



2b. If a is an even number and b is 4, which of these could be true?

- A. $5a + b = 15$
- B. $3a + 3b = 42$
- C. $2a + 5b = 36$
- D. $2a \times b = 48$

Convince me.



3a. Coats 'r' Us sell 2 medium coats and 4 small coats for £100. What possible prices can you find for each coat?

$$2m + 4s = \text{£}100$$

m	s



3b. Yum Wings sell 4 small chicken dippers and 2 large chicken buckets for £80. What possible prices can you find for each meal?

$$4s + 2l = \text{£}80$$

s	l

