

Find Pairs of Values 2

1a. Katya is finding possible values for a and b .

$$2a + b = 18$$



If a equals 7,
 b must equal 5.

Is Katya correct? Explain your answer.



Find Pairs of Values 2

1b. Jesse is finding possible values for c and d .

$$2c - d = 12$$



If c equals 10,
 d must equal 2.

Is Jesse correct? Explain your answer.



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

- A. $2a + 2b = 14$
- B. $a \times b = 9$
- C. $2a \times b = 12$
- D. $a + 2b = 9$

Convince me.



2b. If a is 5 and b is an even number, which of these could be true?

- A. $a + 2b = 12$
- B. $2a + b = 16$
- C. $2a \times b = 20$
- D. $a + b = 8$

Convince me.



3a. Pizza 2 Go sells 2 medium pizzas and one small pizza for £16. What possible prices can you find for each pizza?

$$2m + s = \text{£}16$$

m	s



3b. Happy Hats sell 2 knitted hats and 2 baseball caps for £18. What possible prices can you find for each hat?

$$2k + 2b = \text{£}18$$

k	b

