

Find Pairs of Values 1

1a. Felicity writes the following equation:

$$a + b = 16$$

For one of the possible pairs, she has written:

$$a = 8 \text{ and } b = 8$$

Is she correct? Explain your answer.



R

Find Pairs of Values 1

1b. Aaron writes the following equation:

$$a \times b = 18$$

For one of the possible pairs, he has written:

$$a = 10 \text{ and } b = 8$$

Is he correct? Explain your answer.



R

2a. What pair of values have been used in the following equations if the values are always the same?

$$a + b = 7$$

$$a \times b = 12$$

$$a - b = 1$$



PS

2b. What pair of values have been used in the following equations if the values are always the same?

$$a \times b = 10$$

$$a - b = 3$$

$$a + b = 7$$



PS

3a. Richie is finding pairs of values for the equation below.

$$a \div b = 17$$

He says,



One value must be 1 because the answer is a prime number.

Is Richie correct? Explain why.



R

3b. Saima is finding pairs of values for the equation below.

$$a \div b = 2$$

She says,



One of the values must be even as the answer is an even number.

Is Saima correct? Explain why.



R