

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

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

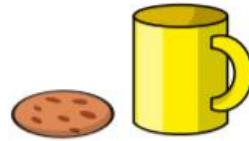
$a + b$	=	7
$a \times b$	=	12
$a - b$	=	1



PS

2 Kim buys these two items from a cafe.
The total cost is 90p.

- What could the cost of each item be?
- Compare answers with a partner.
-



A coffee could cost 90p.

Is this possible?

Explain your answer.

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