

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Mathematics

Algebra- BJC question

11.



Ann thinks of a number,  $Y$ , multiplies it by 4 and then subtracts 3.

- (a) Write an expression to show this information.

Answer \_\_\_\_\_ [1]

Sally thinks of a number,  $Y$ , multiplies it by 2 and then adds 15.

- (b) Write an expression to show this information.

Answer \_\_\_\_\_ [1]

Ann and Sally both thought of the same number.

- (c) Write an **equation** to show this information:

Answer \_\_\_\_\_ [1]

- (d) Solve the **equation** in (c) to find the number they both thought of.

Answer \_\_\_\_\_ [3]