



- Write an equation in terms of y.
- **b)** Solve the equation to find the value of y.
- c) How many counters are under each cup?

Write an algebraic equation to represent each bar model.

Find the values of a and b.





**d)** 9 = 2y + 8

e) 10g - 2 = 46

**f)** 4 + 3y = 28

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Dani thinks of a number.

Solve the equations.

a) 5x + 1 = 31

**b)** 3x - 3 = 9**c)** 4p - 11 = 3

She doubles it and adds 3

- She gets the answer 15
- a) Write an equation to represent Dani's problem.
- **b)** Solve the equation to find her number.



Her friend Brett is 3 years older. The total of their ages is 25 How old are Alex and Brett?

a) Work out the cost of one banana and one orange.

b) Compare methods with a partner.

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