

Write and Solve One Step Equations

Solve each equation. Show all steps. Show your check.

1. $g - 6 = 2$

2. $63 = 7x$

3. $8 = h + 24$

4. $\frac{a}{5} = 3$

5. $15 + b = 4$

6. $-2n = -46$

7. $r - 63 = -37$

8. $3f = -21$

9. $\frac{c}{14} = -3$

10. Gilberto's grandfather gives him \$0.50 for each math question he answers correctly on his math exams for the year.

- a. Write an equation that represents the amount of money m that Gilberto receives during a school year for answering any number of math questions q correctly.
- b. Gilberto answered all 12 questions correctly on his first math exams. How much money did he receive? Replace one of the variables in the equation from part (a) and solve to find the answer. Show all steps.
- c. Gilberto wants to buy a new shirt that costs \$11.50. How many questions does he need to answer correctly to receive enough money to buy the shirt? Replace one of the variables in the equation from part (a) and solve to find the answer. Show all steps.