

Example 1:

A restaurant charges \$2.79 for hamburgers and \$1.80 for a soda. Each soda refill cost \$0.30. Write an equation for how much soda will cost in terms of refills ( $r$ ).

Example 2:

Solve

$$4x - 16 = 8 - x$$

Example 3:

José ~~is~~ has a gift card for \$50 to Joe Sport Store. Basketballs are \$12 each. He wants to buy a sweatband for \$7. How many basketballs could he get? Write and solve an inequality.