

Writing Two-Step Equations

Translate into Math

- ① 6 more than a # is 7.
- ② 5 less than a # is 10.
- ③ 4 more than 3 times a # is 8.
- ④ the quotient of a # & 6 is 5.
- ⑤ 10 is 6 less than 3 times a #

Define a variable. Write an eq. Solve.

- ⑥ You buy a table & chain set for \$400. the table costs \$190. if you bought 4 chains for the table, then how much does each chain cost?

Answers:

① $6 + x = 7$

② $x - 5 = 10$

③ $4 + 3x = 8$

④ $\frac{x}{6} = 5$

⑤ $10 = 3x - 6$

⑥ $x = \text{cost of one chain}, 400 = 190 + 4x$
 $x = \$52.50 \text{ per chain}$