

SOLVING PROBLEMS USING ONE-STEP EQUATIONS

YOU CAN SOLVE REAL-WORLD PROBLEMS
USING ONE-STEP EQUATIONS.

- 1) WHAT DO YOU KNOW.
- 2) WHAT DO I WANT TO KNOW.
- 3) WRITE AN EQUATION TO SOLVE.
- 4) USE INVERSE OPERATIONS TO SOLVE.
- 5) WRITE ANSWER AS A SENTENCE.

EXAMPLE: TOFARATI JOGS 20 MINUTES.

HE STRETCHES AND JOGS SOME MORE.

ALTOGETHER HE JOGS FOR 35 MINUTES.

HOW FAR DOES HE JOG AFTER HE STRETCHES?

$$35 - 20 = x$$

$$20 + x = 35$$

$$35 - x = 20$$

$$x + 20 = 35$$

$$15 + 20 = 35$$

$$\begin{array}{r} -20 \\ -20 \\ \hline \end{array}$$

$$35 = 35 \checkmark$$

$$\boxed{x = 15}$$

TOFARATI JOGGED 15 MINUTES AFTER HE
STRETCHED.