

Forming an equation from a story

MODULE 8 · ALGEBRA — PATTERNS, EXPRESSIONS AND EQUATIONS

ALGEBRA

HOW TO ANSWER TODAY

- **Solve for x.** Do the OPPOSITE operation to both sides. + becomes -; $\times$ becomes $\div$.

$$x + 7 = 15 \rightarrow x = 15 - 7 = 8 \quad 3x = 21 \rightarrow x = 21 \div 3 = 7$$

- **Solve in two steps.** Undo the + or - first, then undo the $\times$ or $\div$.

$$2x + 5 = 13 \rightarrow 2x = 8 \rightarrow x = 4$$



x y



x y



x y

