

EXPLORE 2 Solve an equation using division

21. An equation and explanation that correspond to each step in Explore 1 are shown below. Copy and complete the equations and explanations.

x + 2 = 5	Original equation
$x + 2 - \underline{?} = 5 - \underline{?}$	Subtract <u>?</u> from each side.
$x = \underline{?}$	Simplify. Solution is _?

22. Write an equation that corresponds to the algebra tile equation in each step of Explore 2. Based on your results, describe an algebraic method that you can use to solve 12x = 180. Then use your method to find the solution.