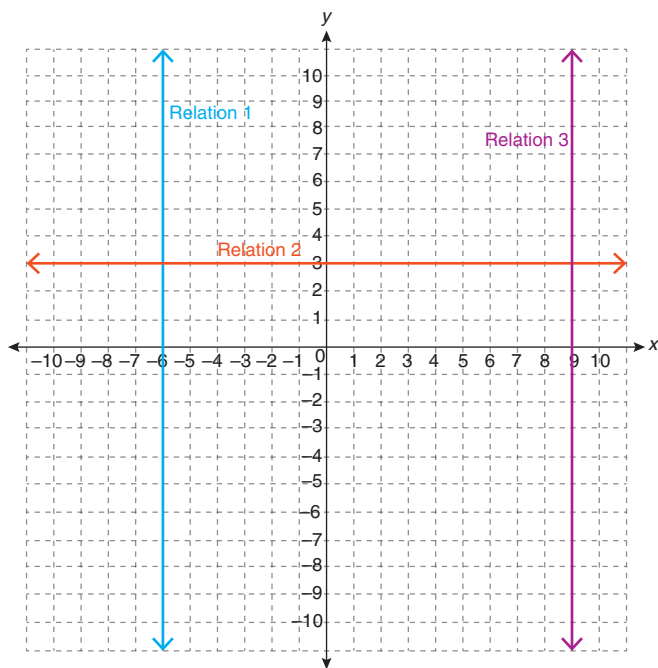




Check Up

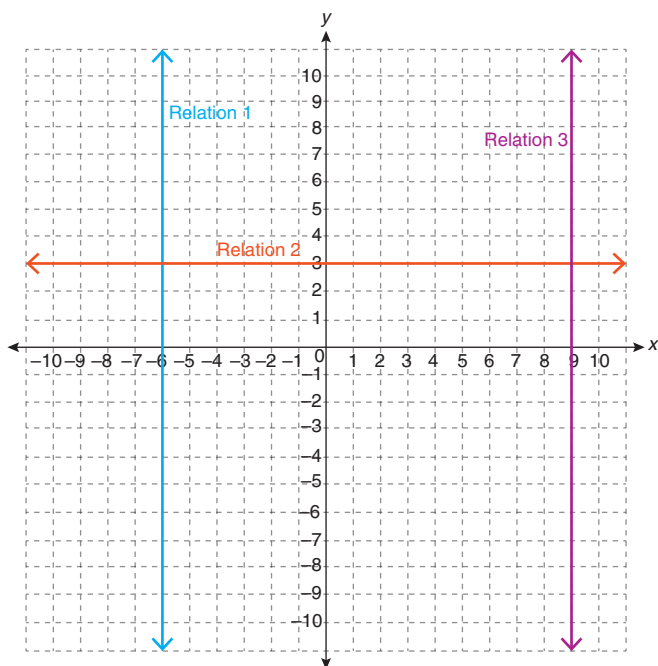
1. State an equation in general form for each linear relation shown.





Compare your answer.

- State an equation in general form for each linear relation shown.



Relation 1	Relation 2	Relation 3
$x = -6$	$y = 3$	$x = 9$
$x + 6 = -\cancel{6} + \cancel{6}$	$y - 3 = \cancel{3} - \cancel{3}$	$x - 9 = \cancel{9} - \cancel{9}$
$x + 6 = 0$	$y - 3 = 0$	$x - 9 = 0$

D. Solving Problems using General Form

The general form of a linear equation is also useful for modelling some scenarios. A closely related form, $Ax + By = D$, can be used when two values add to a known total. This form can be interpreted using the same strategies that applied to the general form.

►► Multimedia



A video demonstration of the solution for *Example 1* is provided.