7.6

Solving Inequalities Using Addition and Subtraction

Review

Solve the following:

$\boldsymbol{a)}\quad b-6=14$

$\boldsymbol{b)}\quad y-2.1=7.5$

Review

Solve the following:

$\boldsymbol{c)}\quad 52 = \boldsymbol{g} + 16$

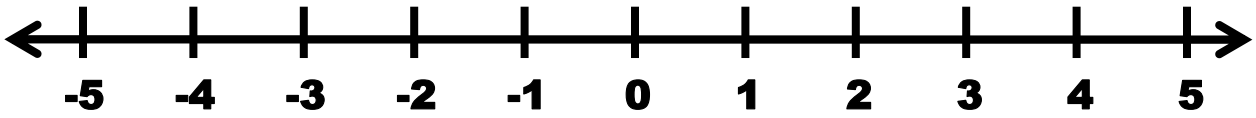
$\boldsymbol{d)}\quad \boldsymbol{x} + 2\frac{2}{3} = 4\frac{5}{9}$

Solving Inequalities

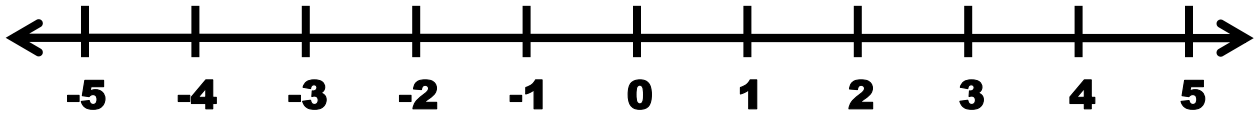
Solving inequalities is just like solving regular equations…

Solve and graph the following:

1) $t - 3 < 1$



2) $r - 5 \geq 2$

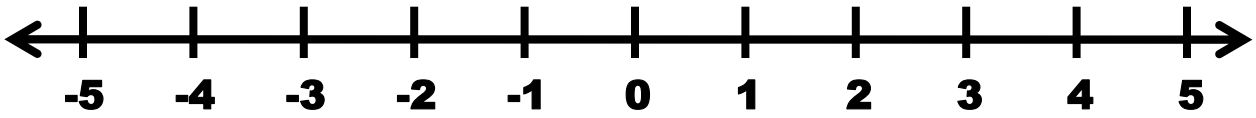


Solving Inequalities

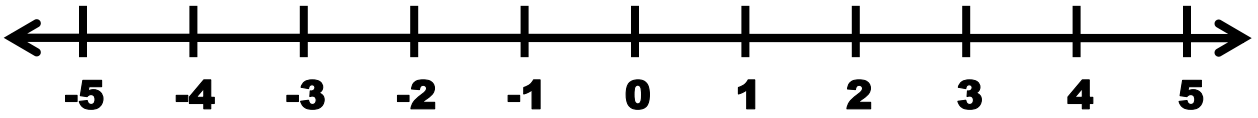
Solving inequalities is just like solving regular equations…

Solve and graph the following:

3) $y + 5 \geq 5$



4) $21 \geq w + 17$

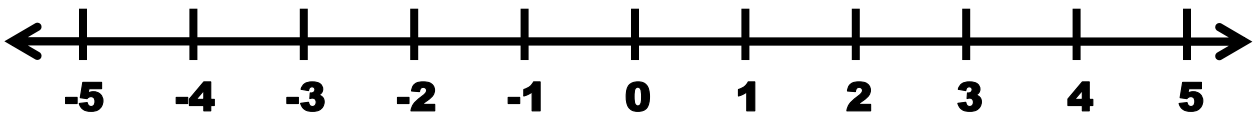


Solving Inequalities

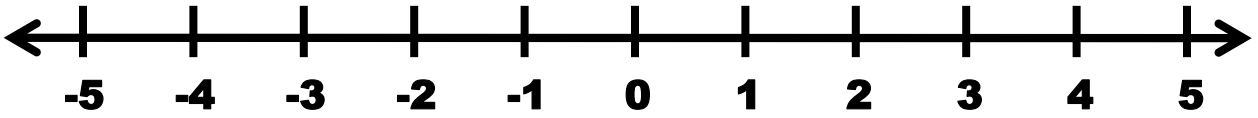
Solving inequalities is just like solving regular equations…

Solve and graph the following:

5) $t + 9.8 < 15$



6) $2.4 > c - 1.2$



Application

A flea market advertises that it has more than 250 vending booths. Of these, 184 are currently filled. Write and solve an inequality to represent the number of vending booths still available.