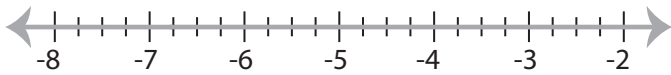


## Solving & Graphing Inequalities

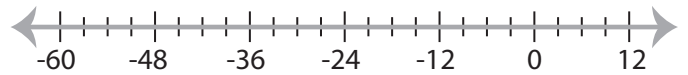
Fractions: S1

Solve each inequality and graph the solution.

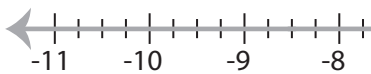
1)  $\frac{7}{4} \leq \frac{x}{3} + 4$



2)  $\frac{1}{8}x - 10 > -16$

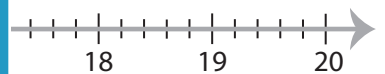


3)  $\frac{x-8}{3} < -\frac{11}{2}$



**PREVIEW**

Access the largest collection of  
worksheets for just **\$19.95** per year!



Members, please  
log in to  
download this  
worksheet.

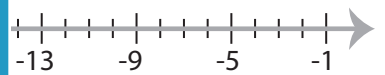
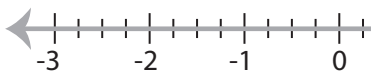
Log in

Not a member?  
Please sign up to  
gain complete  
access.

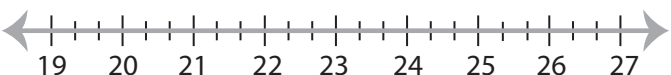
Sign up

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

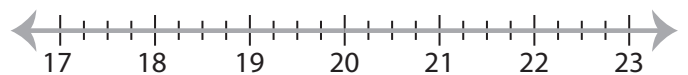
5)  $\frac{1}{5}x + 1 \geq \frac{3}{4}$



7)  $\frac{x}{4} - \frac{2}{3} < 5$



8)  $\frac{12}{5} \leq \frac{x+4}{10}$



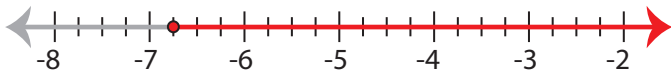
## Solving & Graphing Inequalities

Fractions: S1

Solve each inequality and graph the solution.

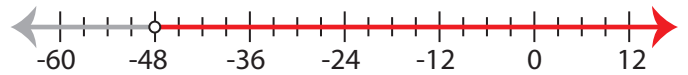
1)  $\frac{7}{4} \leq \frac{x}{3} + 4$

$x \geq -6\frac{3}{4}$



2)  $\frac{1}{8}x - 10 > -16$

$x > -48$



3)  $\frac{x-8}{3} < -\frac{11}{2}$

$x < -8\frac{1}{2}$



**PREVIEW**

Access the largest collection of  
worksheets for just **\$19.95** per year!

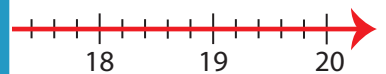
Members, please  
log in to  
download this  
worksheet.

Log in

Not a member?  
Please sign up to  
gain complete  
access.

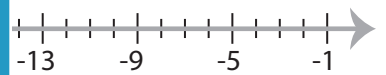
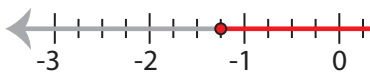
Sign up

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)



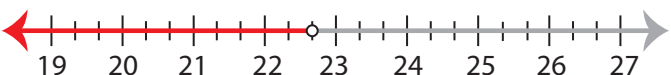
5)  $\frac{1}{5}x + 1 \geq \frac{3}{4}$

$x \geq -1\frac{1}{4}$



7)  $\frac{x}{4} - \frac{2}{3} < 5$

$x < 22\frac{2}{3}$



8)  $\frac{12}{5} \leq \frac{x+4}{10}$

$x \geq 20$

