How to get credit on your homework:

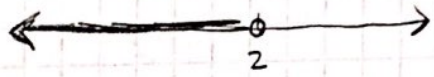
The original problem states:

9-51. Solve each of the following inequalities for the given variable. Represent your solutions on a number line.

NO Credit Version:

9-51) a. $p > -1$

b. $k < 2$

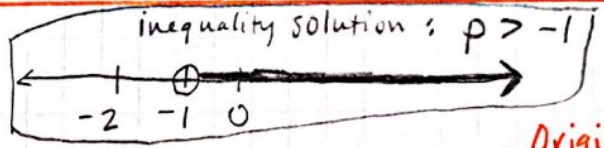


c. $k \leq 1$

What's missing? Original equations and supporting work. Answers like this appear to be copied from Homework Help or a peer. These types of answers don't indicate that you took time to practice. * You should practice as you mean to go on!

C-Level, B-Level and A-Level (95%) Credit Version:

9-51) a) $2(3p+1) > -4$



$2(3p+1) = -4$

$6p + 2 = -4$

$-2 \quad -2$

$\frac{6p}{6} = \frac{-6}{6}$

$p = -1$ ← boundary point

if $p = 0$

$2(3(0)+1) > -4$

$2(1) > -4$

is $2 > -4$?

yes! True.

Shade side with 0.

Must include: ① Original equations written.

② Original Work – and enough of it to solve the problem.

③ Boxed answers

* Though the original problem directions are not written, I can still tell what you are solving.

A+-Level (100%) Credit Version:

9-51) Solve inequalities and represent on a number line: ← Summarized- not word for word.

a) $2(3p+1) > -4$

① Solve for boundary point

$2(3p+1) = -4$

$6p + 2 = -4$

$-2 \quad -2$

$\frac{6p}{6} = \frac{-6}{6}$

boundary point → $p = -1$

② test a point in one of the regions

if $p = 0$

$2(3p+1) > -4$

$2(3(0)+1) > -4$

$2(0+1) > -4$

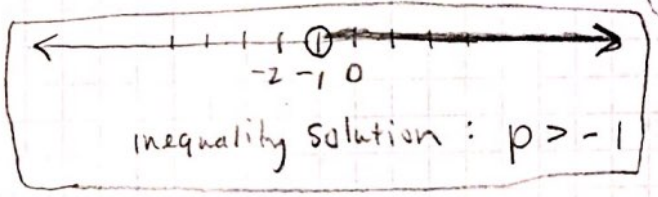
$2(1) > -4$

$2 > -4$

is $2 > -4$?

yes. So 0 is part of solution set. Shade that side.

O = open circle because original is >



inequality solution : $p > -1$

Like previous level work, but also includes:

① A summary (or just enough) of original problem details included. You should know from your notebook what the question was about, beyond original equations.

② More complete/higher levels of work included. May include notes to yourself to improve studying.