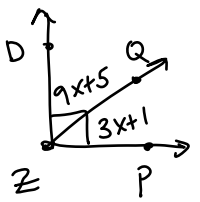


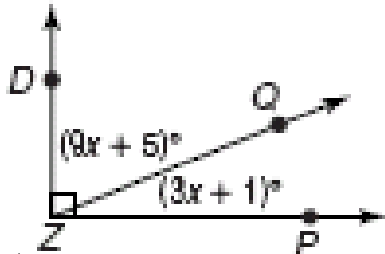
## Test Correction Details

- Question cannot be corrected if it is left blank.
- Get ½ credit back after it is corrected correctly.
- Get 2 days to do your corrections and turn back in.
- Test corrections sheet **must be signed** by parent/guardian.
- Must include test question, details and explanation of why wrong, **details and explanation** of the correct way to do the problem.
- Do not say for your reason you got it wrong: I guessed or I did the problem wrong → You will not get any points.
- Be as specific as possible, especially with the reason you are setting up equations the way you are.
- If I messed up grading a question:
  - If it hurts you, let me know and I will fix it.
  - If it helps you, don't worry about it, consider it a gift.

Example:

Find  $x$  so that  $\overline{DZ} \perp \overline{PZ}$ .

Original Problem	Error	Correction
<p>Find <math>x</math> so that <math>\overline{DZ} \perp \overline{PZ}</math></p> 	<p>I set the problem equal. The angles are not equal.</p>	<p>I must do part + part = whole. The two parts are <math>9x+5</math> and <math>3x+1</math>. The whole is 90 because of the right angle symbol and perpendicular symbol. So,</p> $9x+5+3x+1=90$ $12x+6=90$ $\begin{array}{r} -6 & -6 \\ \hline 12x & = 84 \\ \hline 12 & 12 \\ \hline x & = 7 \end{array}$



$9x+5=3x+1$

$-3x \quad -3x$

$6x+5=1$

$-5 \quad -5$

$\frac{6x}{6} = \frac{-4}{6}$

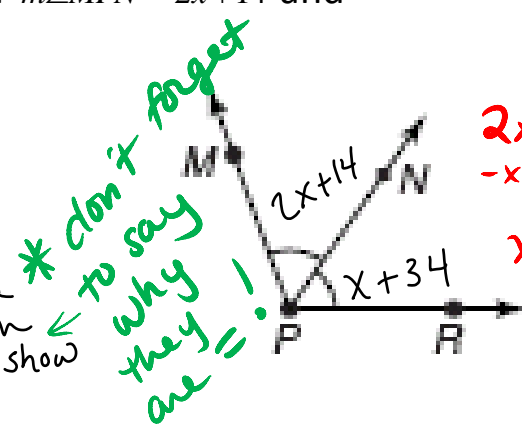
$x = -\frac{2}{3}$

\* don't forget to say why & where you get all your parts!

Example: Refer to the figure above. If  $m\angle MPN = 2x + 14$  and

$m\angle NPR = x + 34$ , find  $x$  and  $m\angle MPR$ .

Original problem	Error	Correction
If $m\angle MPN = 2x + 14$ $m\angle NPR = x + 34$ , find $x$ and $m\angle MPR$ .	I forgot to plug back in to find $m\angle MPR$ !	$2x + 14 = x + 34$ because the arc marks in the picture show congruence. $2x + 14 = x + 34$ $-x \quad -x$ $x + 14 = 34$ $-14 \quad -14$ $x = 20$ $m\angle MPR = 2x + 14 + x + 34$ because part + part = whole. Plug in $2 \cdot 20 + 14 + 20 + 34 = 108$ . So $m\angle MPR = 108$ .



\* don't forget to say why they are = !

$$2x + 14 = x + 34$$

$$-x \quad -x$$

$$x + 14 = 34$$

$$-14 \quad -14$$

$$x = 20$$

\* When explaining the correction, pretend you are explaining it to an 8<sup>th</sup> grader who says, "Why?" to everything you say.

\*If you set an equation equal to 90, 180, 31 you must say why.

\*If you set an equation equal to itself, you must say why.

\*Do not come to me the day the test corrections are due and ask questions, I will not help you. If time allows before the day they are due, I will help in class.