

Directions:

For every question that was incorrect on your test you will correct on this post test assessment/reflection. Here is how you complete the post test assessment:

- 1) Write the problem that was incorrect under problem
- 2) Under the problem identify why the question was incorrect
- 3) Under Documented Problem solving correct the problem, but in between the math steps write in words the step
- 4) Under Personal Techniques explain what strategy helped you learn how to correct the problem.
- 5) Complete the reflection at the end of the post test assessment/reflection.

Problem	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p>Identify Mistake on Test</p> <p>#3. $24x^{20}y^{15} - 8x^4y^{10} + 40x^6y^5$ (written in)</p>	<p>Don't do 30^5, simplify $x^{15}x^9, y^{10}y^4$</p> <p>$8x^4y^5 (3x^{14}y^{10} \cdot y^5 + 5x^2) =$ divide $24x^{20}y^{15} - 8x^4y^{10} + 40x^6y^5$</p> <p>by x^4y^5</p> <p>Check work by multiplying + dividing to be sure</p> <p>$24x^{20}y^{15} - 8x^4y^{10} + 40x^6y^5$</p> <p>300 500 000 1000 2000 4000 $x^4 \cdot 30x^4 \cdot 10x^4$ $1000y^5 \cdot 2000y^5 \cdot 4000y^5$ $x^2 \cdot 30x^2 \cdot 10x^2$</p>	<p>Don't do 30^5</p> <p>1000 2000 4000</p> <p>Check work</p>

TBE
 88 + 2
 90 1/2

Problem <u>Identify Mistake on Test</u>	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p> $\sqrt{16x^2 - 4}$ $\sqrt{4x^2 - 1}$ $\sqrt{4(x^2 - 1)}$ $\sqrt{4(x-1)(x+1)}$ $2\sqrt{(x-1)(x+1)}$ </p>	<p> $\sqrt{16x^2 - 4}$ $\sqrt{4x^2 - 1}$ $\sqrt{4(x^2 - 1)}$ $\sqrt{4(x-1)(x+1)}$ $2\sqrt{(x-1)(x+1)}$ </p>	<p> Give a lot of practice Read a lot of math problems </p>

Reflection:

Use the following questions to guide you in learning what you did well and where you still have room for improvement in learning material and studying for your next test. Please keep in mind that you will not be "graded" on your answers but on the thoroughness of your responses.

Write a paragraph explaining including the answers to the following questions:

1. What did I do to prepare for this test? How much time did I spend preparing for this test? When did I study for this test?

Where did I study for this test?

To prepare for this test I did a few things to help me prepare.

- I spent about an hour each day on each night of the week.

- I kept my notes for each class and also kept a list of things to study.

- I also used my notes to help me study.

2. Who did I use as a resource to prepare for this test? What did I use as a resource to prepare for this test?

I used my teacher, friends and parents as resources to help me study.

The resources I used to help me study were my notes and my friends.

Also,

Problem <u>Identify Mistake on Test</u>	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
#14 $Rx^2 - 8$	$18x^2 - 8$ $(9x - 4)^2$ Then group them into 2 $2(9x^2 - 4)$ $2(3x - 2)(3x + 2)$ Find answer $2(3x - 2)(3x + 2)$	Time management
#15 $4x^2 - 8x = 0$ 2 steps wrong	$4x^2 - 8x = 0$ $4x^2 - 8x = 0$ $\frac{4x^2}{4x} - \frac{8x}{4x} = 0$ $4x(x - 2) = 0$ $4x = 0$ $x = \frac{0}{4} = 0$ $x - 2 = 0$ $x = 2$ $x = 0$ $x = 2$	Time management

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Write a paragraph explaining including the answers to the following questions:

1. What did I do to prepare for this test? How much time did I spend preparing for this test? When did I study for this test?

Where did I study for this test?

I studied reading books, I tried to study for different
the main answers

2. Who did I use as a resource to prepare for this test? What did I use as a resource to prepare for this test?

I used my notes and myself Good work together

3. What is one great thing I did in preparing for this test and Why?

Well I would say I began. Practice the papers
we are given. I did. Extra practice. I did.
AND I prepared myself. I prepared in class
and now I am ready.

4. What is my plan of action in preparing for the next test? What is one thing I should share with my group that will make it easier for them to prepare for the next test?

• My plan is reading every page. I have always
said working every page is the best.

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Problem	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p>Identify Mistake on Test</p> <p>#11 $9x^2 - 15x + 4$ forgot to simplify</p>	<p>$9x^2 - 15x + 4$ separate equations</p> <p>$\frac{9x^2}{+2005} - \frac{3x}{9x^2} - \frac{12x}{9x^2} = \frac{11}{9x^2}$</p> <p>$\frac{9x^2}{take out} - \frac{3x}{take out} - \frac{12x}{take out} = \frac{11}{take out}$</p> <p>$3x(3x-1) - 4(3x-1)$ combine like terms. $(3x-1)(3x-4)$</p>	<p>remember to simplify</p>

~~86~~
 86 + 4
 90

$\frac{10}{90}$

Problem <u>Identify Mistake on Test</u>	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p> 417 $2x^2 + 7x - 4 = 0$ Add 4 to both </p>	<p> $2x^2 + 7x - 4 = 0$ times find and back $\frac{2x^2 - 1x}{-8x} \quad 4$ $4(2x-1)$ combine terms $(2x-1)(2x-1)$ set equal to zero $2x-1 = 0$ $2x-1 = 0$ $\frac{2x-1}{2}$ $\sqrt{x = -1}$ $\boxed{x = \frac{1}{2}}$ $\boxed{x = -1}$ </p>	<p> always finish the problem </p>

Problem <u>Identify Mistake on Test</u>	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)

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Write a paragraph explaining including the answers to the following questions:

1. What did I do to prepare for this test? How much time did I spend preparing for this test? When did I study for this test?

Where did I study for this test?

I studied the parts needed help in. about 15 minutes each day I studied. I studied mainly at my friends house but at home also.

My boyfriend

2. Who did I use as a resource to prepare for this test? What did I use as a resource to prepare for this test?

My boyfriend help me like last time but I use the notes and all the work we had done in class to study.

3. What is one great thing I did in preparing for this test and Why?

I did not do as well on this test as
the last but I thought studied enough
but wasn't as confident.

4. What is my plan of action in preparing for the next test? What is one thing I should share with my group that will make it easier for them to prepare for the next test?

I am going to study until I am totally
confident that I know all the material. Take ^{more} time
studying the parts that you do not really understand.

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Problem	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p>② Factor: $12x^2 + 8x - 15$</p> <p>Mistake: I didn't complete the problem</p>	<p style="text-align: right;">-180MULT</p> <p>$12x^2 + 8x - 15$ +8 Add</p> <p style="text-align: center;">-10 card 18</p> <p>Bring down the 15 and the -15</p> <p>$12x^2 + 18x - 10x - 15$</p> <p>group them</p> <p>$12x + 18x$ $-10x - 15$</p> <p>$6x(2x + 3)$ $-5(2x + 3)$</p> <p>$(2x + 3)(6x - 5)$</p> <p style="text-align: right;">41</p>	<p>Listen to my instructor.</p> <p>Work on my multiplication</p>

Test
 $93 + 2$
95

$\frac{10}{10}$

Problem <u>Identify Mistake on Test</u>	Documented Problem Solving (Mathematics)	My Personal Techniques for learning and remembering how to complete this problem (Study/Life Skills)
<p><u>D5a</u></p> <p>If a television costs \$311 after a 25% discount, what was the original cost?</p>	<p>original cost - discount = cost</p> <p>478,46 - .25 = \$311</p> <p>Answer = d. 478,46</p> <p>1x</p>	<p>Remember your formulas better.</p> <p>Also to re-check my work to see if it's correct.</p>

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1. What did I do to prepare for this test? How much time did I spend preparing for this test? When did I study for this test?

Where did I study for this test?

Study, study, study. ^{Good} Ample time. I studied after class, at home and when I would do homework.

2. Who did I use as a resource to prepare for this test? What did I use as a resource to prepare for this test?

My classmates and Gracia My notebook and webot

3. What is one great thing I did in preparing for this test and Why?

Study and remember how to do the problems because it allowed me to get the grade I have.

4. What is my plan of action in preparing for the next test? What is one thing I should share with my group that will make it easier for them to prepare for the next test?

Studying To get help from others when they need it.