

Name: _____

Teacher Use Only		
Questions Correct Total Questions	%	LETTER GRADE
16		

Date: _____

PRE-ALGEBRA

Test for Month 6

Ch. 7 (*Sections 1 – 7*) and Ch. 8 (*Sections 1 – 3*) and Review

DIRECTIONS

BLANK FOR

- Show your work for every problem. You will receive half credit for a problem if you do not show your work, unless the problem's directions explicitly say that you do not have to show work.
- If the space on the test paper is not enough for you to work out the problem, use extra paper—but make sure that you carefully separate and identify the work for the corresponding problems. You must turn in extra paper you use. If you use extra paper, still start your work on the test paper, not the extra paper (you lose one point if you don't start on the test paper).
- Put your answer for each problem in the space provided.
- You may not use a calculator.
- Always reduce fractions to lowest form.

TEST CORRECTIONS

After you get this test back, you must make corrections (5% of your monthly grade).

Follow these directions exactly.

PRACTICE

- Write the problem number in the right margin: Name, Course, Test name (Example: Mr. Greenwood, Test A)
- Write the problem number in the right margin: Name, Course, Test name (Example: Mr. Greenwood, Test A)
- Write the problem number in the right margin: Name, Course, Test name (Example: Mr. Greenwood, Test A)
- Show your work for every problem. You will receive half credit for a problem if you do not show your work, unless the problem's directions explicitly say that you do not have to show work.
- Show the answer correctly. Contact teacher if answer is not written on test.
- Error Statement:** Write one sentence explaining what you did wrong the first time. This is to make you think about what happened, and then you will not be likely to repeat the error. Only one sentence or phrase.
- Draw a horizontal line** after you finish one problem and sentence, before starting the next problem.
- Repeat for each incorrect problem**, even if it has just –1 point.
- Turn in to Mr. Greenwood: **original test on bottom, the corrections/error statement pages STAPLED ON TOP.**
 - Do NOT turn it in to your supervising teacher!
 - If retaking it, turn corrections in at the time you retake the test.
 - If not retaking it, turn corrections in **directly to Mr. Greenwood**, at the end of the month after taking this test.

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

1. (7-1) Solve.

1. _____

2. (7-1) Solve.

2. _____

2. (7-1)

3. _____

4. (7-2) Solve.

4. _____

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

5. (7-2) Solve.

5. _____

6. (7-2) The sum of _____ consecutive integers is _____. Find the integers.

6. _____

7. (7-3) Solve.

7. _____

8. (7-3) Solve.

8. _____

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

9. (7-3) Solve.

9. _____

10. (7-4) Write an equation and then solve:

10a. Equation: _____

10b. Solution: _____

11. (7-4) The perimeter of a rectangle is _____ cm. The _____ . Find the length and width.

11a. Length: _____

11b. Width: _____

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

12. (7-5) Solve.

< or > or \leq or \geq

12. _____

13. (7-5) Solve this inequality and then **graph** the solution on the number line.

13. _____

Number Line: _____

14. (7-6) Solve for

14. _____

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

15. (7-6) Solve for x:

15. _____

16. (7-6)

16. _____

END OF PART 1

Check your work carefully before you turn in your test.

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16		

PRE-ALGEBRA

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Ch. 7 (*Sections 1 – 7*) and Ch. 8 (*Sections 1 – 3*) and Review

DIRECTIONS

- Show your work for every problem. You will lose credit for problems for which you do not show your work unless the problem's direction specifically says not to show your work.
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- Put your answer for each problem in the space provided.
- You may not use a calculator.
- Always reduce fractions to their simplest form.

BLANK FOR

TEST CORRECTIONS

After you get this test back, you must make corrections (5% of your monthly grade).

Follow these directions exactly.

1. Use separate paper.

2. Write an error statement for each incorrect problem. Write one sentence explaining what you did wrong the first time. This is to make you think about what happened, and then you will not be likely to repeat the error. Only one sentence or phrase.

3. Draw a horizontal line after you finish one problem and sentence, before starting the next problem.

4. Repeat for each incorrect problem, even if it has just –1 point.

5. Turn in to Mr. Greenwood: original test on bottom, the corrections/error statement pages STAPLED ON TOP.

a. Do NOT turn it in to your supervising teacher!

b. If retaking it, turn corrections in at the time you retake the test.

c. If not retaking it, turn corrections in directly to Mr. Greenwood, at the end of the month after taking this test.

PRACTICE

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

17. (7-7) Find the simple interest of \$ _____ deposited at an interest rate of _____ % for _____ years.

17. _____

18. (7-7) Complete the table to show the interest and new balances at the end of two years given the following information:

\$ _____ compounded annually at _____ % for 2 years.

Beginning of period	Interest	Balance

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

19. (8-1) List the members of the domain and range of this function: $\{(,), (,), (,), (,)\}$

Domain: _____

Range : _____

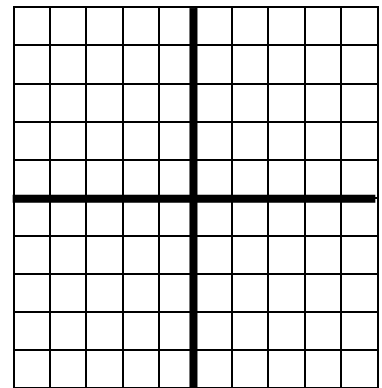
Is it a function? Circle YES or NO

20. (8-1) When is a relation a function? Explain in 1 to 3 sentences (NOT more than 3 sentences).

21. (8-1) Graph this relation and determine if it is a function.

x	y

21a.



21b. yes or no: _____

(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

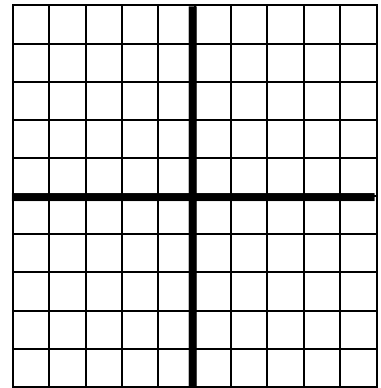
22. (8-2) Find the solution of _____ for x = _____

22. _____

23. (8-2) *(Multiple Choice; circle the letter of the answer.)*
Which ordered pair is a solution to

- A. (,) B. (,) C. (,) D. (,)

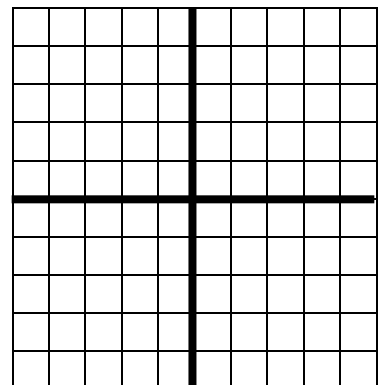
24. (8-2) Graph:



25. (8-2) Solve this equation for y, and then graph it:

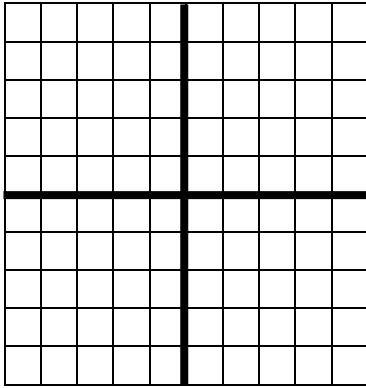
25a. $y =$ _____

25b.



(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

26. (8-3) Find the slope of this line.



26. _____

27. (8-3) Find the slope of the line that passes through (3 , 2) and (5 , 4).

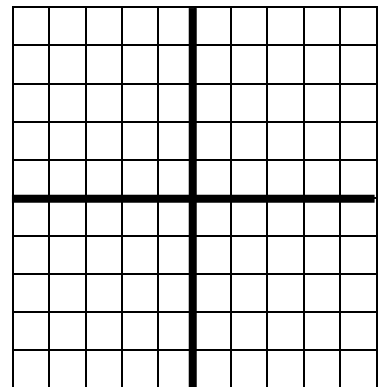
27. _____

28. (8-3) Identify the slope and y-intercept in $y = 2x - 3$.
(Not required to show work.)

28a. $m =$ _____

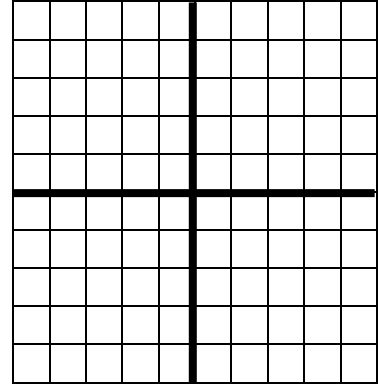
28b. $b =$ _____

29. (8-3) Use slope and y-intercept to graph $y = 2x - 3$.
(Not required to show work.)



(Remember to show your work—all the steps—in every problem on this test, unless told differently.)

30. (8-3) Use slope and y-intercept to graph



31. (4-3) Find the GCD of , .

31. _____

32. (5-1) Find the LCM of , .

32. _____

FINISHED!
Check your work carefully before you turn in your test.