

HOMework DUE WEDNESDAY

7. The balance below shows the equation $4x + 1 = x + 7$. What is the value of x ? *worth 1 point

- a. $\frac{8}{5}$
- b. 2
- c. $\frac{8}{3}$
- d. 3



$$\begin{array}{r} \textcircled{4}x + 1 = x + 7 \\ -x \quad \textcircled{-}x \\ \hline 3x + 1 = 7 \\ -1 \quad \textcircled{-}1 \\ \hline 3x = 6 \\ \frac{3x}{3} = \frac{6}{3} \quad x = 2 \end{array}$$

8. Linda is one year less than twice as old as her brother Paul. Which formula below correctly represents this situation? *worth 1 point

- a. $L = 2(P - 1)$ $L = 2P - 2$ incorrect
- b. $L = 1 - 2P$
- c. $L = 2P - 1$
- d. $L = \frac{1}{2}(P - 1)$

9. Find the value of $3x - 2x^2$ when $x = -3$. *worth 1 point

- a. -27
- b. -18
- c. 0
- d. 9

$$\begin{array}{l} 3(-3) - 2(-3^2) \\ 3(-3) - 2(9) \\ -9 - 18 = -27 \end{array}$$



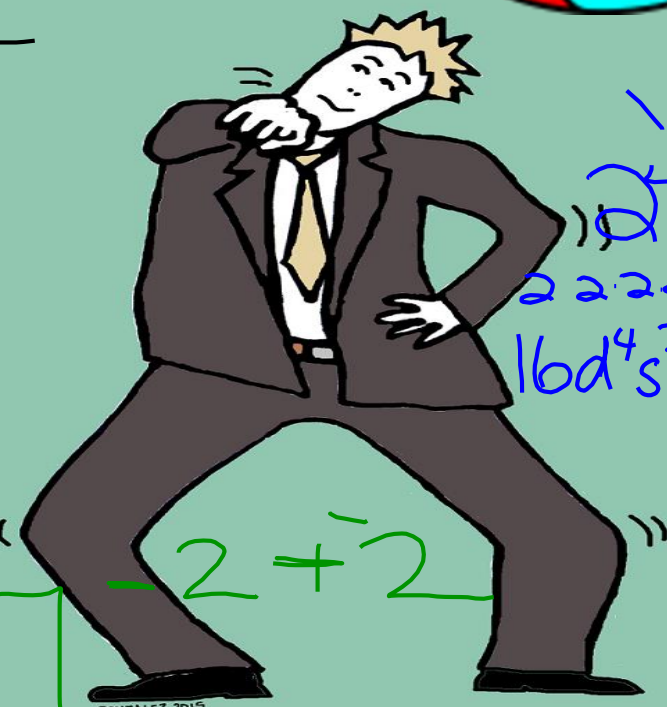
Learning Target: I will reflect and correct missed questions on comprehensive test 2

$$\frac{12b^7}{20b^{10}}$$

$$(4^3)^2$$
$$4^6$$

$$(2^1 d^5 t^1)^4$$
$$2^{1 \times 4} d^{5 \times 4} t^{1 \times 4}$$

$$\frac{3b^{-3}}{5}$$
$$\frac{3}{5b^3}$$



Whip Around- tell me one thing in detail that you have learned from units 2 or 3 *NO repeats

$$2^4 d^4 s^{20} t^4$$
$$2222$$
$$16d^4 s^{20} t^4$$

$$\frac{7^{-2}}{7^2} =$$

$$7^{-2+2}$$
$$7^{-4} \text{ or } \frac{1}{7^4}$$

Use the chart below to complete your test corrections and reflection. The following choices can be used as your reflection. You can pick more than one if needed.

1. I read the question incorrectly.
2. I misread the answer I selected.
3. I did not read all the available choices. *(for multiple choice questions only)*
4. I did not study this particular topic enough.
5. I need to put more detail into my answer.
6. I need to write my answer in a complete sentence.
7. I did not understand what the question was asking.
8. Other... (If you choose this selection, you must include a detailed written response explaining why you answered the question incorrectly.)

LEARNING TARGET: I WILL REFLECT AND CORRECT MISSED QUESTIONS ON COMPREHENSIVE TEST 2

• Peer Tutor-Test Corrections

Question Number	Reason You missed the question	Correction (show your work)
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• READ AR

I WILL CORRECTLY ANSWER
QUESTIONS FROM UNITS 2 AND 3.

What is the value of $(2s^2t^{-3}y)^4$?



$$\begin{array}{l} 2^4 s^8 t^{-12} y^4 \\ 16 s^8 t^{-12} y^4 \\ \hline t^{12} \end{array}$$

I WILL CORRECTLY ANSWER
QUESTIONS FROM UNITS 2 AND 3.

What is $\frac{17^{-4}}{17^4}$?

$$17^{-4+4} = 17^{-8}$$

or

$$\frac{1}{17^8}$$



I WILL CORRECTLY ANSWER
QUESTIONS FROM UNITS 2 AND 3.

Evaluate $(2ds^9t)(d^3s^2t^3)$

$$2d^4s^{11}t^4$$



I WILL CORRECTLY ANSWER
QUESTIONS FROM UNITS 2 AND 3.

$$\frac{(4^{-3})^2}{5} = \frac{4^{-6}}{5}$$

Simplify the expression

$$\left(\frac{2^5}{3^3}\right)^2$$

$$\frac{2^{10}}{3^6}$$



I WILL CORRECTLY ANSWER
QUESTIONS FROM UNITS 2 AND 3.

What is the value of g in the
following equation, $\frac{60}{g} = 6$?

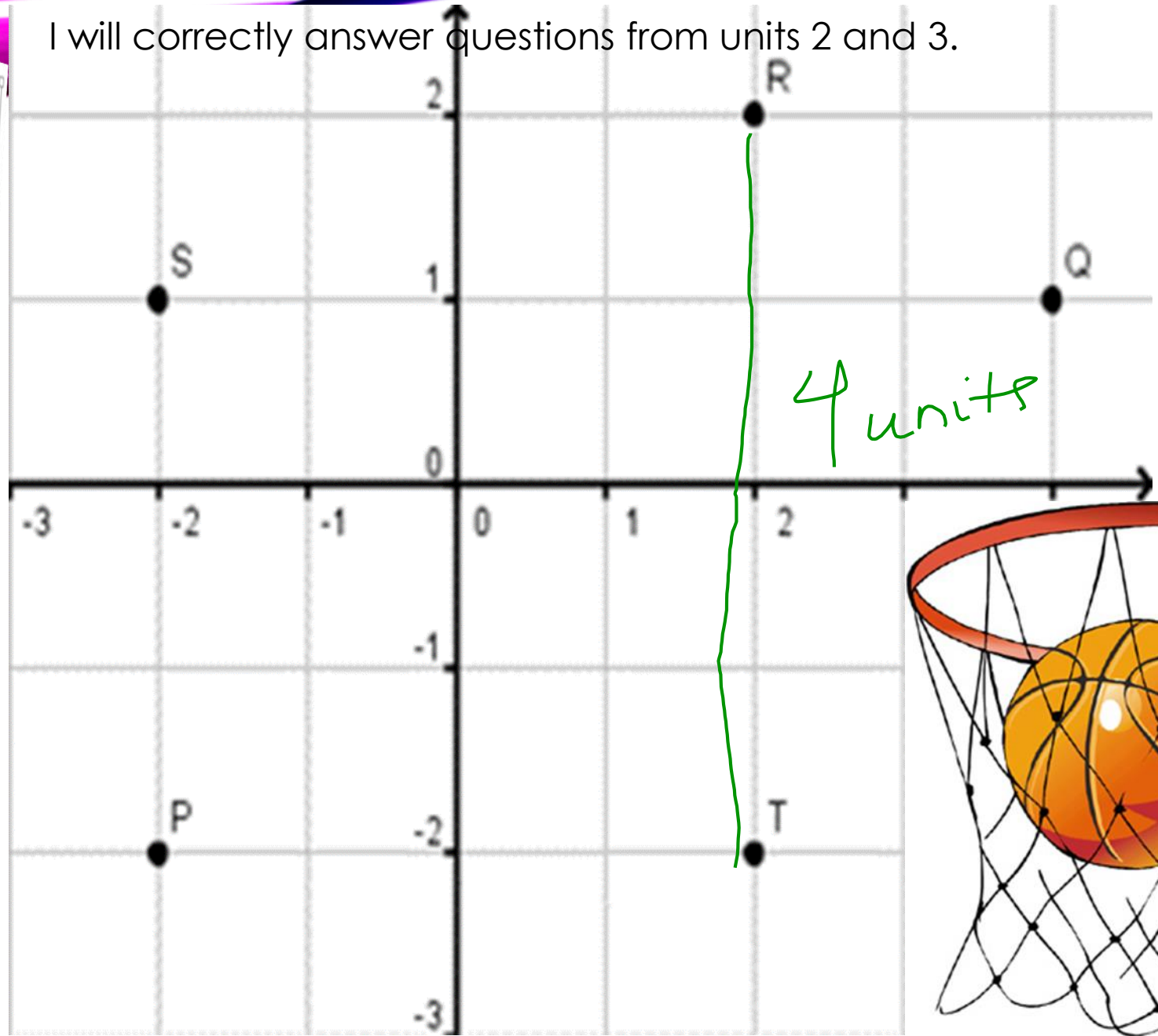
$$g = 10$$



MGSE8.G.6-9 Pythagorean Theorem & MGSE8.EE.7a. Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. MGSE8.G.9 Apply the formulas for the volume of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.

What's the distance between point T to R?

I will correctly answer questions from units 2 and 3.



MGSE8.G.6-9 Pythagorean Theorem & MGSE8.EE.7a. Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. MGSE8.G.9 Apply the spheres and use them to solve real-world and mathematical problems.

**\$2 Summaries- each word is worth .10
summarize one of your favorite concepts
from unit 2 or unit 3. Explain Why you like this
concept**

