NAME _____ DATE _____ PERIOD _____

Chapter Quiz

Use the four-step plan to solve each problem.

1. Dan uses one ream of paper for every six hours that he works. If Dan works 30 hours, how many reams of paper will he use?

1. _____

2. The number of students sitting in the first 4 rows of the bleachers is: 7, 13, 19, and 25. Predict the number of students in the next row.

2. _____

Write a numerical expression for each phrase.

3. the total pieces of gum if you had seven and gave away four

3. 7 - 4

4. the time spent playing games if each of four games is five minutes 4(5)

4. 4(5)

Evaluate each expression.

5. $6[(12 - 4) + 3]$

5. _____

6. $\frac{6(4)}{16 - 4}$ = $\frac{24}{12}$ = 2

6. _____

Translate each phrase into an algebraic expression. LET y REPRESENT THE NUMBER OF YARDS

7. the number of inches in any number of yards 36y

7. _____

8. tests divided evenly among 5 scorers 4 YARDS = 144 in

8. _____

Evaluate each expression if $x = 6$, $y = 2$, and $z = 3$.

9. $2zy - x$ 2(3)(2) - 6 = 12 - 6 = 6

9. ~~16~~

10. $12 - \frac{zy}{x}$ $12 - \frac{3(2)}{6} = 12 - \frac{6}{6} = 12 - 1 = 11$

10. 11

Name the property shown by each statement.

11. $16 \cdot 1 = 16$ $\frac{2}{5} \cdot \boxed{\frac{3}{3}} = \frac{6}{15}$

11. MULTIPLICATIVE IDENTITY

12. $1 + 5 + 4 = 5 + 4 + 1$

12. _____

$(1+5)+4 = 1+(5+4)$ ASSOCIATIVE PROP. OF ADDITION

Simplify each expression.

13. $5 \cdot (t \cdot 5)$

13. _____

14. $14 + (0 + m)$ $(14+0)+m$ $14+m$

14. 14 + m