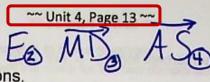
UNIT 4: REVIEW HW

Simplifying expressions and solving equations

Review.



<u>HINT:</u> Use Order of Operations to simplify expressions!

Simplify the following expressions.

1)
$$2 + 5(-12)$$

P 2)
$$-10 + 2(5-9)$$
 3) $4 + 5 * 4^2$ 4) $10 \div 5 * 2$

$$3)4+5*4^{2}$$



HINT: First substitute, then Evaluate the following expressions if x = 4, y = -2, and z = 10. simplify like above!

5)
$$2x - z$$

2 [4] - (10)

6)
$$-3yz + 2x$$

7)
$$\frac{z+y}{x}$$

7)
$$\frac{z+y}{z}$$
 8) $z-\frac{xz}{y}$

Solve each of the following.

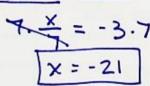






SA DM E P HINT: Ose reverse Order of Operations to solve equations!

9)
$$\frac{x}{7} = -8$$
 $\frac{x}{7} = -8$ $\frac{x}{4} = 5$ $\frac{x}{5} = -10$ $\frac{x+3}{4} = 5$



12)
$$3(x-7) = -12$$

$$10)^{\frac{2}{2}}r + 8 = -10$$

11)
$$\frac{x+3}{4} = 5$$

$$(3) 3x + 5x = 56$$

13)
$$3x + 5x = 56$$
 14) $-5 + 6x = -30$