Name:

UNIT 3 ASSESSMENT REVIEW SOLVING EQUATIONS

& if you have WBS Variable + constant = Var + constant you must cross out (unda) from variable = constant

Solve the following equations. Check your work with a calculator.

1.
$$2(3x-4)-8=-40$$
 DISR
 $6x-8-8=-40$ CLT
 $6x-10+10$
 $+10+10$

3.
$$\frac{3}{4(8x-16)} = 5(8-2x)$$

3.
$$\frac{3}{4}(8x-16)=5(8-2x)$$
 DISTR
 $\frac{4}{16}(8x-16)=5(8-2x)$ DISTR

5.
$$5(3x-4)-3.5=7x-2.5$$
 DISTR
 $15 \times -20-3.5=7x-2.5$ CLT
 $15 \times -23/5 = 7x-2.5$ VOBS
 $-7 \times +23.5 = 8$
 $8 \times -23.5 = 8$
 $1 \times -23.5 = 8$

2.
$$3x-1(2x+5) = -2x+9-4x$$

$$3x-2x-5 = -2x+9-4x$$

$$-2x+9+2x+9$$

$$-2x+9+2x+9$$

$$-2x+3+4x-2 = 8x-5$$

$$-2x+3x+4x-8 = 8x-5$$

$$-2x+5+3x+4x-8 = 8x-5$$

$$-2x+5+3x+4x-8 = 8x-5$$

$$-2x+5+3x+4x-8 = 8x-5$$

$$-2x+5+3x+4x-8 = 8x-5$$

$$-2x+5+5+3x+4x-8 = 8x-5$$

$$-2x+5+3x+4x-8 = 8x-5$$

$$5(3x-4)-3.5 = 7x-2.5 \text{ DISTR}$$

$$15 \times -20-3.5 = 7x-2.5 \text{ CLT}$$

$$15 \times -23.5 = 7x-2.5 \text{ VOBS}$$

$$-7x+23.5 = 7x-2.5 = 7x-2.5 \text{ VOBS}$$

$$-7x+23.5 = 7x-2.5 =$$

7.
$$\frac{2}{3}(6x-9y)+\frac{3}{4}(-8x+4y)$$
 DISTRA
 $+X-6y-6X+3y$ CL'T

Simplify:

8.
$$Ax+By+C$$
, Solve for y

 $Ax+By+C$, Solve for y

 $C-AX$
 $C-AX$
 $C-AX$
 $C-AX$



