Notes: U1AL4 The Distributive Property Name: _____ HR: _____

Ur notes and questions

Target Skill(s): Solve equations using the distributive property when indicated to simplify expressions before solving.

The Distributive Property of Multiplication over addition or subtraction.

$$a(b+c) =$$

$$a(b-c) =$$

Directions: Simplify the following.

I do	We do	You do
1. $3(x+5)$	2. $6(5x-2)$	3. $-4(3x-6)$
4. $-\frac{1}{2}(x+6)$	5. $-5(8-3x)$	6. $\frac{3}{4}(2x+5)$

Directions: Solve the following equations.

7. $2(3x+4)=26$	8. $-20=-5(x-1)$	9. $18=-6(2x+1)$

10. $2(3x+1)+4=16$	11. $5(2x+1)-x=29$	12. $35=3+4(3x+2)$