

Distributive Property

Use the Distributive Property to find equivalent expression

Name: _____

$3x+22n$	$9ax-9nx$	$6x-3$	$24xn+16a$	$-5x-nx$	$ax-n$
$ax+2an$	$x+\frac{n}{3}$	$20x+80$	$20(10+3)$	$16x+2n$	$ax-an$
$2x-nx$	$2nx-8x$	$30(2-0.10)$	$30(2+0.10)$	$12+14x$	x^2-xn
$ax-an$	$15+5x+5n$	$3x+3n-6a$	$6nx-12x$	$3x+22n$	$-4x-48$
$-9x+24n$	$15x+3n-24$	$3x+3n-6a$	$3x+3n-6a$	$-21x+24xn$	$-5x+nx$
$16x-2nx$	$\frac{x}{3}+n$	$30(2-0.10)$	$-7x-7n$	$8n+nx$	$\frac{x}{3}+\frac{4n}{3}$



1. Jon buys 30 cases of soda for \$2.10 a case.



2. Casey needs to cover 30 tables. For each table she needs 1.90 yards of fabric.



3. A volleyball shirt costs \$13. There are 20 people on the team.



4. $-x(5-n)$



5. $3x(3a-3n)$



6. $3(5x+n-8)$



7. $n(8+x)$



8. $n+3(x+7n)$



9. $2(3x+7)-17$



10. $\frac{x+4n}{3}$



11. $\frac{3x+n}{3}$



12. $\frac{x+3n}{3}$



13. $x(x-n)$



14. $2(6+7x)$



15. $3(x+n)-6a$



16. $-8\left(\frac{x}{2}+6\right)$



17. $a(x-n)$



18. $x(2n-11)+3x$



19. $-7(x+n)$



20. $8(3xn+2a)$



21. $-x(-16+2n)$



22. $a(x+2n)$



23. $20(x+4)$



24. $5(3+x+n)$



25. $2x(3n-6)$



26. $3x(-7+8n)$



27. $3(-3x+8n)$