

date _____ sec _____

Name _____

HOMEWORK - DISTRIBUTIVE Property & Combining Like Terms

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Use Distributive Property to simplify each expression. Easy to Medium problems.

1) $7(1 - 8n)$

2) $-8(b + 3)$

3) $-6(9 - 9v)$

4) $-(3x - 9)$

5) $-9(n + 6)$

6) $-10(a + 2)$

7) $(5k - 10) \cdot -9$

8) $-4(4 + 3p)$

Use Distributive Property AND Combining Like Terms to simplify each expression. Easy to Medium problems.

9) $-6(x + 2) - 2$

10) $4n - (7 - 6n)$

11) $-3 - 7(-3 - 6v)$

12) $-5(a - 6) + 2a$

Use Distributive Property AND Combining Like terms to simplify each expression. Medium problems.

13) $7(5n - 8) + 6(4 + 6n)$

14) $-(3a + 2) - 3(5a + 7)$

15) $-5(1 + 2k) - 8(-4 + 5k)$

16) $5(-3p + 7) + 5(p - 1)$

17) $-5(x + 2) + 5(x - 5)$

18) $-4(1 - 8n) - 4(8n + 4)$

Use Distributive Property AND Combining Like terms to simplify each expression. Challenging problems.

19) $9(m + 8) + 11(3m + 4)$

20) $11(8r + 3) - 2(-9 + 6r)$

21) $7(-12x - 3) + 10(6x + 7)$

22) $-9(1 - 10n) - 2(3n + 9)$

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Use Distributive Property to simplify each expression. Easy to Medium problems.

1) $7(1 - 8n)$

$7 - 56n$

2) $-8(b + 3)$

$-8b - 24$

3) $-6(9 - 9v)$

$-54 + 54v$

4) $-(3x - 9)$

$-3x + 9$

5) $-9(n + 6)$

$-9n - 54$

6) $-10(a + 2)$

$-10a - 20$

7) $(5k - 10) \cdot -9$

$-45k + 90$

8) $-4(4 + 3p)$

$-16 - 12p$

Use Distributive Property AND Combining Like Terms to simplify each expression. Easy to Medium problems.

9) $-6(x + 2) - 2$

$-6x - 14$

10) $4n - (7 - 6n)$

$10n - 7$

11) $-3 - 7(-3 - 6v)$

$18 + 42v$

12) $-5(a - 6) + 2a$

$-3a + 30$

Use Distributive Property AND Combining Like terms to simplify each expression. Medium problems.

13) $7(5n - 8) + 6(4 + 6n)$

$71n - 32$

14) $-(3a + 2) - 3(5a + 7)$

$-18a - 23$

15) $-5(1 + 2k) - 8(-4 + 5k)$

$27 - 50k$

16) $5(-3p + 7) + 5(p - 1)$

$-10p + 30$

17) $-5(x + 2) + 5(x - 5)$

-35

18) $-4(1 - 8n) - 4(8n + 4)$

-20

Use Distributive Property AND Combining Like terms to simplify each expression. Challenging problems.

19) $9(m + 8) + 11(3m + 4)$

$42m + 116$

20) $11(8r + 3) - 2(-9 + 6r)$

$76r + 51$

21) $7(-12x - 3) + 10(6x + 7)$

$-24x + 49$

22) $-9(1 - 10n) - 2(3n + 9)$

$-27 + 84n$