



Name _____ Class _____ Date _____

Expand the terms to make equivalent expressions.

example: $4(3y + 5) = \rightarrow 4(3y) + 4(5) = \rightarrow \underline{12y + 20}$

1. $7(2x + 7) =$

_____ =

6. $15(3x + 4) =$

_____ =

2. $10(4x - 13) =$

7. $8(4 + 11y) =$

3.



PREVIEW

4.

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5. $5(5x - 10) =$

_____ =

10. $3(4x - 25) =$

_____ =



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Expand the terms to make equivalent expressions.

example: $4(3y + 5) = \rightarrow 4(3y) + 4(5) = \rightarrow \underline{12y + 20}$

1. $9(7x + 15) =$

_____ =

6. $5(9x + 23) =$

_____ =

2. $11(5x - 21) =$

7. $3(12 + 2y) =$

3.



PREVIEW

4.

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5. $8(5x + 19) =$

_____ =

10. $2(16x - 9) =$

_____ =



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example: $4(3y + 5) = \rightarrow 4(3y) + 4(5) = \rightarrow \underline{12y + 20}$

1. $7(2x + 7) =$

$\underline{7(2x) + 7(7)}$
 $\underline{14x + 49}$

6. $15(3x + 4) =$

$\underline{15(3x) + 15(4)}$
 $\underline{45x + 60}$

2. $10(4x - 13) =$

$\underline{10(4x) - 10(13)}$

7. $8(4 + 11y) =$

$\underline{8(4) + 8(11y)}$

3.



PREVIEW

4.

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$\underline{36y + 72}$

$\underline{66x - 220}$

5. $5(5x - 10) =$

$\underline{5(5x) - 5(10)}$
 $\underline{25x - 50}$

10. $3(4x - 25) =$

$\underline{3(4x) - 3(25)}$
 $\underline{12x - 75}$



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Expand the terms to make equivalent expressions.

example: $4(3y + 5) = \rightarrow 4(3y) + 4(5) = \rightarrow \underline{12y + 20}$

1. $9(7x + 15) =$
 $\underline{9(7x) + 9(15)} =$
 $\underline{63x + 135}$

6. $5(9x + 23) =$
 $\underline{5(9x) + 5(23)} =$
 $\underline{45x + 115}$

2. $11(5x - 21) =$
 $\underline{11(5x) - 11(21)}$

7. $3(12 + 2y) =$
 $\underline{3(12) + 3(2y)}$



PREVIEW

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$\underline{12x - 20}$

$\underline{80x + 130}$

5. $8(5x + 19) =$
 $\underline{8(5x) + 8(19)} =$
 $\underline{40x + 152}$

10. $2(16x - 9) =$
 $\underline{2(16x) - 2(9)} =$
 $\underline{32x - 18}$