

Name : _____

Simplifying Linear Expressions

MS4

Simplify each expression.

1) $-7(-6 + 2a + 17 + 5a - 4)$

2) $13(4z + 3 - 7z) - 2(3z)$

3) $9m + \frac{6}{5} - 3m + 9$

5) $6\left(\frac{7}{2}p - 16 + 2\right) + 2(2b + 4)$

7) $\frac{12}{3}(3s + 12 + 9) + 8(2k + 5 - 2k)$

9) $5(7n - 3) - 10(8n - 4) + 12(7n + 3)$

10) $7\left(\frac{2}{7}d + \frac{8}{7} - 5d + \frac{6}{7}\right) + 28d$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

Answer key

Simplifying Linear Expressions

MS4

Simplify each expression.

1) $-7(-6 + 2a + 17 + 5a - 4)$

$-49a - 49$

2) $13(4z + 3 - 7z) - 2(3z)$

$-45z + 39$

3) $9m + \frac{6}{5} - 3m + 9$

$6m + 3$

5) $6\left(\frac{7}{2}p - 16 + 2\right) + 9$

$-9p - 96$

7) $\frac{12}{3}(3s + 12 + 8) + 8(2k + 5 - 2k)$

$8s - 12$

9) $5(7n - 3) - 10(8n - 4) + 12(7n + 3)$

$39n + 61$

10) $7\left(\frac{2}{7}d + \frac{8}{7} - 5d + \frac{6}{7}\right) + 28d$

$-5d + 14$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com