

Adding Linear Expressions (J)

Simplify each expression.

1. $(8m - 9) + 5(7m - 5)$

2. $(2d - 3) + 9(-4d - 7)$

3. $-4(-6p + 4) + 2(-p - 1)$

4. $-5(5q - 4) + 4(4q - 2)$

5. $(5r - 8) + 3(-3r + 3)$

6. $-6(-2a + 6) + 2(-6a + 7)$

7. $4(-6r + 1) + 6(r - 4)$

8. $7(-5f - 2) + 4(3f - 1)$

9. $(-9a + 4) + 8(8a - 2)$

10. $(-6f - 9) + 9(-7)$

Adding Linear Expressions (J) Answers

Simplify each expression.

1. $(8m - 9) + 5(7m - 5)$

$43m - 34$

2. $(2d - 3) + 9(-4d - 7)$

$-34d - 66$

3. $-4(-6p + 4) + 2(-p - 1)$

$22p - 18$

4. $-5(5q - 4) + 4(4q - 2)$

$-9q + 12$

5. $(5r - 8) + 3(-3r + 3)$

$-4r + 1$

6. $-6(-2a + 6) + 2(-6a + 7)$

-22

7. $4(-6r + 1) + 6(r - 4)$

$-18r - 20$

8. $7(-5f - 2) + 4(3f - 1)$

$-23f - 18$

9. $(-9a + 4) + 8(8a - 2)$

$55a - 12$

10. $(-6f - 9) + 9(-7)$

$-6f - 72$