

Name: _____

Identify Equivalent Expressions

Read each expression, then circle the expression that is **not** equivalent.

1. $21g$

a. $7(3g)$

b. $19g - 2g$

c. $6(4g) - 3g$

d. $7g + 7g + 7g$

2. $m(2 - 9) + 7n$

a. $7m + 7n$

b. $-9m + 2m + 7n$

c. $7n - 7m$

d. $7(-m + n)$

3. $2(2p + 10)$

a. $4(p + 5)$

b. $4p + 20$

c. $10 + 4p + 10$

d. $44p$



6. $40r + 20s$

a. $10(2s + 4r)$

b. $10rs(4 + 2)$

c. $10s + 40r + 10s$

d. $20(2r + s)$

7. $-11k$

a. $11k - 22k$

b. $-5(2k) - k$

c. $11 - 11k + 11$

d. $-11(k + 1) + 11$

8. $4(3t - 1 + u)$

a. $12t + 4u + 4$

b. $4(3t + u) - 4$

c. $-4 + 12t + 4u$

d. $2(6t - 2 + 2u)$

9. $6v + 9w - 6v$

a. $3v + 9w - 3v$

b. $3(2v + 3w - 2v)$

c. $6(v + 2w - v)$

d. $9w$

10. $7e - 14f + 7e$

a. $7(2e - 2f)$

b. $-14f + 14e$

c. $14(e - f)$

d. $14f - 7e + 7e$

ANSWER KEY

Identify Equivalent Expressions

Read each expression, then circle the expression that is **not** equivalent.

1. $21g$

a. $7(3g)$

b. $19g - 2g$

c. $6(4g) - 3g$

d. $7g + 7g + 7g$

2. $m(2 - 9) + 7n$

Preview

Please log in to download
the printable version of this worksheet.



10. $7e - 14f + 7e$

a. $7(2e - 2f)$

b. $-14f + 14e$

c. $14(e - f)$

d. $14f - 7e + 7e$