- Sample answer: Expressions that can be generated using properties of operations are equivalent.
- 2. The Commutative Property is true for addition and multiplication.
- Sample answer: The Associative Property can be applied to group or ungroup adjacent terms in an expression.
- 4. Sample answer: $\frac{1}{3}$ y 7

5.

1	-12	1	-12
2	-9	2	-9
3	-6	3	-6

Distributive Property

- 6. Sample answer: $-\frac{5}{2} + 6x$
- 7. Sample answer: -21 15g
- 8. Sample answer: x + (7 + 3y)
- 9. Sample answer: $-\frac{1}{5}x + \frac{2}{9}$
- 10. B
- 11. Sample answer: 4 + 4d
- 12. w + (9 + 3) or w + 12
- 13. Sample answer: y + z + 29

- 14. Sample answer: She did not group like terms correctly. She combined all of the numbers in the expression even though they are not all coefficients of *n*.
- 15. Sample answer: x + 4 + (-3y)
- 16. Sample answer: $\frac{4}{3}x 2$; 4x ÷ 3 + (-2)
- 17. a. Sample answers: 189 + 224 + p + q 224 + 189 + q + p

b. Sample answers:\$40 and \$47\$50 and \$37

18. B, D