

6th Grade Unit 3: Lesson 11-4

Check Your Understanding (p. 146):

17. a. Yes
b. No
c. Yes
18. a. $6 + 3x$
b. $6(4 + 3)$
c. $28x + 21y + 14z$
d. $16x + 12y$
19. a. Additive Identity Property
b. Multiplicative Identity Property
c. Distributive Property

Lesson 11-4 Practice (p. 146):

20. a. No
b. Yes
c. Yes
21. a. $20 + 4x$
b. $11(3 + 5)$
c. $8a + 40b + 48c$
d. $27x - 18y$
22. a. Distributive Property
b. Multiplicative Identity Property
c. Additive Identity Property
23. a. $2(13 + 5)$; the factors are 2 and $(13 + 5)$.
b. $7(8 + 7)$; the factors are 7 and $(8 + 7)$
c. Answers may vary. Sample answer: $6(7 + 3)$; the factors are 6 and $(7 + 3)$.