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**Course 3** • Multi-Step Equations and Inequalities

NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**14.** **SUNDAES** Carmine bought 5 ice cream sundaes for his friends. If each

sundae costs $4.95, how much did he spend? Justify your answer by using the Distributive Property.

**Homework Practice**

***The Distributive Property***

$3

Dessert

$2

Drink

$5

Sandwich

**Cost ($)**

**Item**

**b.** What is the total cost for both customers?

**a.** Write two equivalent expressions for the total cost if two

customers order each of the items.

**13.** **DINING OUT** The table shows the different prices at a diner.

**11.** 6*x*(*y* – *z*)

**12.** **–**3*b*(2*b* – 2*a*)

**10.** *m*(2*m* + 1)

**9.** –7(5 – *n*)

**7.** (2 + *g*)8

**8.** 4(*h* – 5)

**Use the Distributive Property to rewrite each expression.**

**6.** –2(8 – 5)

**5.** 5(7 + 3)

**4.** (8 + 3)(–1)

**3.** –3(–7 + 2)

**2.** 4(12 + 3)

**1.** (16 – 6)2

**Use the Distributive Property to evaluate each expression.**

PERIOD

DATE