Evaluate Numerical Expressions

COMMON CORE STANDARD CC.5.0A.1
Write and interpret numerical expressions.

Evaluate the numerical expression.

1. $24 \times 5 - 41$
$120 - 41$

_79_

2. $(32 - 20) \div 4$

3. $16 \div (2 + 6)$

4. $15 \times (8 - 3)$

5. $4 \times 8 - 7$

6. $27 + 5 \times 6$

7. $3 \div 3 \times 4 + 6$

8. $14 + 4 \times 4 - 9$

Rewrite the expression with parentheses to equal the given value.

9. $3 \times 4 - 1 + 2$

value: 11

10. $2 \times 6 \div 2 + 1$

value: 4

11. $5 + 3 \times 2 - 6$

value: 10

Problem Solving REAL WORLD

12. Sandy has several pitchers to hold lemonade for the school bake sale. Two pitchers can hold 64 ounces each, and four pitchers can hold 48 ounces each. How many total ounces can Sandy's pitchers hold?

13. At the bake sale, Jonah sold 4 cakes for $8 each and 36 muffins for $2 each. What was the total amount, in dollars, that Jonah received from these sales?

Lesson Check (CC 5.OA.1)

1. What is the value of the expression
   $4 \times (4 - 2) + 6$?

   Ⓐ 6

   Ⓑ 14

   Ⓒ 24

   Ⓓ 40

2. Lannie ordered 12 copies of the same book
   for his book club members. The books cost
   $19 each, and the order has a $15 shipping
   charge. What is the total cost of Lannie's
   order?

   Ⓐ $243

   Ⓑ $213

   Ⓒ $199

   Ⓓ $161

Spiral Review (CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6)

3. A small company packs 12 jars of jelly into
   each of 110 boxes to bring to the farmers'
   market. How many jars of jelly does the
   company pack in all? (Lesson 1.7)

   Ⓐ 1,220

   Ⓑ 1,320

   Ⓒ 1,350

   Ⓓ 2,300

4. June has 42 sports books, 85 mystery books,
   and 69 nature books. She arranges her
   books equally on 7 shelves. How many books
   are on each shelf? (Lesson 1.9)

   Ⓐ 12

   Ⓑ 18

   Ⓒ 28

   Ⓓ 196

5. Last year, a widget factory produced one
   million, twelve thousand, sixty widgets. What
   is this number written in standard form?
   (Lesson 1.2)

   Ⓐ 1,012,060

   Ⓑ 1,012,600

   Ⓒ 1,120,060

   Ⓓ 112,000,060

6. A company has 3 divisions. Last year, each
   division earned a profit of 5×10^5. What
   was the total profit the company earned last
   year? (Lesson 1.4)

   Ⓐ $50,000

   Ⓑ $150,000

   Ⓒ $500,000

   Ⓓ $1,500,000