

HW

LESSON

1-2

Problem Solving

Writing Algebraic Expressions

Write the correct answer.

1. Morton bought 15 new books to add to his collection of books b . Write an algebraic expression that represents the total number of books in Morton's collection now.

2. Paul exercises m minutes per day 5 days a week. Write an algebraic expression that represents how many minutes Paul exercises in two weeks.

3. Helen bought 3 shirts that each cost s dollars and 4 pairs of pants that each cost p dollars. Write an algebraic expression that represents the total cost of the shirts and pants, not including tax.

4. Bernice made c cookies to divide evenly among four friends and herself. Write an algebraic expression that represents the number of cookies each person will receive.

Choose the letter for the best answer.

5. Jonas collects baseball cards. He has 245 cards in his collection. For his birthday, he received r more cards, then he gave his brother g cards. Which algebraic expression represents the total number of cards he now has in his collection?
A $245 + r + g$
B $245 - r - g$
C $245 + r - g$
D $r + g - 245$
6. Monique is saving money for a computer. She has m dollars saved. For her birthday, her dad doubled her money, but then she spent s dollars on a shirt. Which algebraic expression represents the amount of money she has now saved for her computer?
F $m + 2 - s$
G $2m - s$
H $2m + s$
J $m + 2s$
7. Which algebraic expression represents the number of years in m months?
A $12m$
B $\frac{m}{12}$
C $12 + m$
D $12 - m$
8. Which algebraic expression represents how many minutes are in h hours?
F $60h$
G $\frac{h}{60}$
H $h + 60$
J $h - 60$