

Using Variables to Write Expressions

Write each algebraic expression.

1. 6 more than a number c _____
2. twice a number b _____
3. 25 less than a number d _____
4. the product of 7 and a number e _____
5. 50 divided by a number f _____
6. the sum of a number g and 2 _____
7. 8 more stripes than a number h _____
8. 12 fewer hats than four times a number i _____
9. Alexander has \$10. He buys a snack. Which expression shows how much money Alexander has left?
 - A $s + 10$
 - B $10 - s$
 - C $10s$
 - D $s \div 10$
10. A diner has booths and counter seating. Each booth can seat 4 people. Another 15 people can sit at the counter. Which expression shows how many customers can be seated in the diner?
 - A $15b - 4$
 - B $15b + 4$
 - C $4b - 15$
 - D $4b + 15$
11. **Reasonableness** Linnia bought some flats of flowers. Each flat holds 9 flowers. Linnia has planted 10 flowers. Is $9x + 10$ a reasonable way to represent the number of flowers that Linnia has left to plant? Explain your answer.

