

Homework: Writing Algebraic Expressions

Write an algebraic expression for each description. When writing a multiplication expression, use the fewest number of symbols and characters possible.

1. The sum of k and 8

2. The difference "y less than 10"

3. The product of g and 7

4. The quotient of h and 8

5. Subtract 6 from $5w$.

6. Add 10 to the product of z and 7.

7. Subtract 10 from the product of 4 and h .

8. Add 5 to the quotient of s and 9.

9. Multiply y by 6, then divide the product by 7.

10. Subtract the quotient of h and 3, from 4 multiplied by 4.

11. Janet has p stickers.

- a) Amy has 10 fewer stickers than Janet. How many stickers does Amy have in terms of p ?

- b) Bernie has 3 times as many stickers as Janet. How many stickers does Bernie have in terms of p ?

- c) Catherine has 6 more stickers than Janet. How many stickers does Catherine have in terms of p ?

- d) Dina has $\frac{2}{5}$ as many stickers as Janet. How many stickers does Dina have in terms of p ?
