

Problem Set

Write an expression using letters and/or numbers for each problem below.

1. 4 less than the quantity of 8 times n .
2. 6 times the sum of y and 11.
3. The square of m reduced by 49.
4. The quotient when the quantity of 17 plus p is divided by 8.
5. Jim earned j in tips, and Steve earned s in tips. They combine their tips then split them equally.
6. Owen has c collector cards. He quadruples the number of cards he has, and then combines them with Ian, who has i collector cards.
7. Rae ran 4 times as many miles as Madison and Aaliyah combined. Madison ran m miles and Aaliyah ran a miles.
8. By using coupons, Mary Jo was able to decrease the retail price of her groceries, g , by \$125.
9. To calculate the area of a triangle, you find the product of the base and height and then divide by 2.
10. The temperature today was 10 degrees colder than twice yesterday's temperature, t .