

Exercise 27

Properties of Real Numbers Use properties of real numbers to write the expression without parentheses.

$$-\frac{5}{2}(2x - 4y)$$

Solution

Use the distributive property.

$$\begin{aligned} \left(-\frac{5}{2}\right)(2x) + \left(-\frac{5}{2}\right)(-4y) \\ -5x + 10y \end{aligned}$$