

Exercise 110

In the following exercises, simplify each expression.

$$52 \div (-4) + (-32) \div (-8)$$

Solution

Use the order of operations.

$$52 \div (-4) + (-32) \div (-8)$$

$$\frac{52}{-4} + \frac{-32}{-8}$$

$$-\frac{52}{2 \times 2} + \frac{32}{2 \times 2 \times 2}$$

$$-\frac{26}{2} + \frac{16}{2 \times 2}$$

$$-13 + \frac{8}{2}$$

$$-13 + 4$$

$$-9$$