# Exercise 46

For the following exercises, simplify the expression.

$$\left(\frac{9}{6}t - 4\right)2$$

---

**Solution**

Use the distributive law.

$$\left(\frac{9}{6}t - 4\right)2$$

$$\frac{9}{6}t \times 2 - 4 \times 2$$

$$\frac{18}{6}t - 8$$

$$3t - 8$$