Exercise 120

In the following exercises, evaluate each expression.

$$x + (-21) \text{ when}$$

$$\text{(a) } x = -27 \quad \text{(b) } x = 44$$

Solution

If $x = -27$, then

$$
\begin{aligned}
x + (-21) &= -27 + (-21) \\
&= -27 - 21 \\
&= -48.
\end{aligned}
$$

If $x = 44$, then

$$
\begin{aligned}
x + (-21) &= 44 + (-21) \\
&= 44 - 21 \\
&= 23.
\end{aligned}
$$