

1. Evaluate each of the following:

$$5 - 7 = 5 + (-7) = \boxed{-2}$$

$$-12 - (-6) = -12 + 6 = \boxed{-6}$$

$$-8 - 4 = -8 + (-4) = \boxed{-12}$$

$$21 - (-9) = 21 + 9 = \boxed{30}$$

$$13 - 25 = 13 + (-25) = \boxed{-12}$$

$$52 - (-10) = 52 + 10 = \boxed{62}$$

$$-83 - 14 = -83 + (-14) = \boxed{-97}$$

$$\begin{aligned} -3 - 6 + (-4) + 10 - 2 &= -3 + (-6) + (-4) + 10 + (-2) \\ &= -15 + 10 \\ &= \boxed{-5} \end{aligned}$$

2. Solve: $x + 23 = 5$

$$\begin{aligned} x &= 5 - 23 \\ &= 5 + (-23) \\ &= \boxed{-18} \end{aligned}$$

3. Solve: $-15 + y = -17$

$$\begin{aligned} y &= -17 - (-15) \\ &= -17 + 15 \\ &= \boxed{-2} \end{aligned}$$

4. Suppose you buy a car for \$15,560. Five years later, you sell it for \$9,780. What is your net? Is it a profit or loss?

$$N = R - C$$

↑ Cost
↑ Revenue

$$\begin{aligned} N &= 9780 - 15560 \\ &= -5780 \end{aligned}$$

Net is $\boxed{-\$5780}$, which is a $\boxed{\text{loss}}$

Q: What goes around the world but stays in a corner?