

$$x + 5 = -1\frac{7}{11} = -\frac{18}{11} \Leftrightarrow x = -\frac{18}{11} - 5 = -\frac{18}{11} - \frac{5 \cdot 11}{11} = \frac{-18 - 55}{11} = -\frac{73}{11}$$