Two-Step Equations/Inequal. – Worksheet #6

SHOW ALL WORK!!

1) \(3.44 - 4x = -2.8\)  

5) \(\frac{1}{10}x - 33 = -11\)

2) \(0.2x + 4.3 = 1.2\)  

6) \(-10 = \frac{7}{2}k + 11\)

3) \(-29 = -11 - \frac{3}{8}m\)  

7) \(0.005x + 2.2 = 1.8\)

4) \(4 - 10k = 1.24\)  

8) \(\frac{4}{5}y - 40 = -16\)
Two-Step Equations/Inequal. – Worksheet #6

Which of the following is a solution to:

\[
\frac{3}{4}x + 59 = -31
\]

A \( x = -21 \)
B \( x = -67.5 \)
C \( x = -90 \)
D \( x = -120 \)

Which of the following is a solution to:

\[
0.03 + 0.8x = -1.03
\]

A \( x = -8 \)
B \( x = 1.25 \)
C \( x = -0.13 \)
D \( x = -1.325 \)

Which of the following is a solution to:

\[
-3 - \frac{1}{9}x = -22.2
\]

A \( x = 23.2 \)
B \( x = \frac{219}{9} \)
C \( x = 172.8 \)
D \( x = 226.8 \)