

Subtracting Real Numbers

Find the difference between two numbers by adding the first number to the opposite of the second number.

Task 1:

$$\begin{aligned} -13 + (-4) &= -17 \\ 5 - (-6) &= 5 + 6 = 11 \\ 3 - 6 &= 3 + (-6) = -3 \\ -8 - (-1) &= -8 + 1 = -7 \end{aligned}$$

Words to Numbers, then Subtract.

Task 3:

$$\begin{aligned} \text{Subtract 8 from } -4 &= -4 - (8) = \boxed{-12} \\ \text{Subtract 5 from } -2 &= -2 - (5) = \boxed{-7} \end{aligned}$$

More Subtraction

Task 2:

$$\begin{aligned} 5.3 - (-4.6) &= 5 + 4.6 = \boxed{9.9} \\ -\frac{3}{10} - \frac{5}{10} &= \frac{-8}{10} \div \frac{2}{2} = \boxed{-\frac{4}{5}} \\ -\frac{2}{3} - (-\frac{4}{5}) &= (\frac{5}{5})(-\frac{2}{3}) + (\frac{3}{3})(\frac{4}{5}) = \frac{-10}{15} + \frac{12}{15} = \boxed{\frac{2}{15}} \\ 8.4 - (-2.5) &= \boxed{10.9} \end{aligned}$$

Adding & Subtracting Real Numbers

Always simplify from left to right with PEMDAS!

Task 4:

$$\begin{aligned} -14 - 8 + 10 - (-6) &= -14 - 8 + 10 + 6 = \boxed{-6} \\ 1.6 - (-10.3) + (-5.6) &= 1.6 + 10.3 - 5.6 = \boxed{6.3} \\ 11.9 - 5.6 &= \boxed{6.3} \end{aligned}$$

Task 5:

$$\begin{aligned} -3 + [(-2-5)-2] &= -3 + [-9] = \boxed{-12} \\ -3 + [-7+2] &= -3 + [-5] = \boxed{-8} \\ 2^3 - |10| + [6 - (-5)] &= 8 - 10 + [6 + 5] = 8 - 10 + 11 = \boxed{9} \\ 2^3 - 10 + [-6+5] &= 8 - 10 + [-1] = 8 - 10 - 1 = -3 \\ &= \boxed{-3} \end{aligned}$$

Still need help with: