

Adding & Subtracting Rational Numbers! 😊



KEY

Use + and – “counters” to model integer addition and subtraction:

1) $-4 + 5 = \underline{1}$

2) $-6 + -3 = \underline{\hspace{2cm}}$

3) $-3 - (-4) = \underline{1}$

4) $5 - 8 = \underline{\hspace{2cm}}$

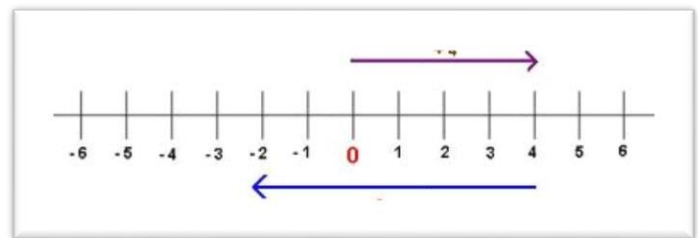
Use number lines to model integer addition and subtraction:

5) What problems are modeled with the number line?

$4 + -6 = -2$

OR

$4 - 6 = -2$

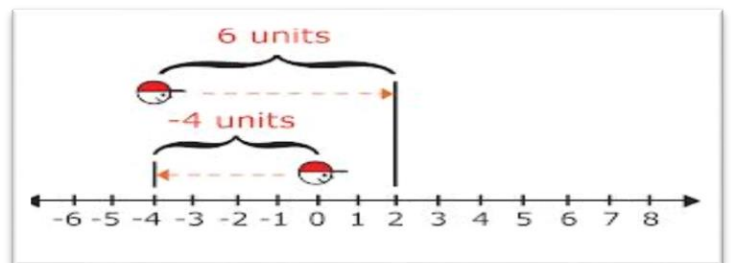


6) What problem is modeled with the number line?

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

OR

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$



7) Model $-3 - 5$ on a number line.

8) Model $5 + -4$ on a number line.

Evaluate:

9) $-10 + 4 = \underline{-6}$

10) $-8 + (-8) = \underline{\hspace{2cm}}$

11) $4 - 14 = \underline{-10}$

12) $2 - (-4) = \underline{\hspace{2cm}}$

13) $-5 - 5 = \underline{-10}$

14) $-16 + 16 = \underline{\hspace{2cm}}$

15) $9 + (-61) = \underline{-52}$

16) $-23 - (-23) = \underline{\hspace{2cm}}$

17) $4\frac{1}{2} + (-\frac{1}{4}) = \underline{4\frac{1}{4}}$

18) $-\frac{3}{5} - \frac{1}{10} = \underline{\hspace{2cm}}$

19) $-1.53 - 2.6 = \underline{-4.13}$

20) $44.9 + (-3) = \underline{\hspace{2cm}}$