1.2 Adding Integers p. 10

opposites: two numbers that have the same absolute value, but different signs ex: 52 + -52

additive inverse: an integer and its opposite

The sum of opposites or additive inverses is always 0.

1. $3+5=8$
2. $-3+(-5)=-8$ } → same sign, add and keep
3. $-3+5=2$
4. $3+(-5)=-2$ } different sign, subtract take the sign of the higher number Then it'll be exact!

I sang this song for my family _____ parent signature

5) $-28+(-38)=-66$

6) $-88+136=48$

7) $-244+44=-200$

8) $-13+9=-4$

9) $2+(-5)+(-3)=-6$

$2+(-8)$

10) $-22+7+(-11)+80+(-40)=14$

-22, -11, -40 → -73; 80, 7 → 87

Evaluate $a=4$ $b=-5$ $c=-8$

1.) $a+b$

$4+(-5)$

$\boxed{-1}$

2) $b+c$

$-5+(-8)$

$\boxed{-13}$

3) $-b+c$

$-(-5)+(-8)$

$5+(-8)$

$\boxed{-3}$

4) $a+b+(-c)$

$4+(-5)+8$

$\boxed{7}$