SHORTCUTS

1. $-(-5) = +5$
   $\underset{\text{SINGLE NUMBER}}{}$

2. $+(+3) = \cancel{3}+3$

3. $-(+7) = -7$

4. $+(-1) = -1$

COMBINING NUMBERS

CASE 1: SIGNS ARE SAME
① IGNORE SIGNS
② ADD THE NUMBERS
③ SIGN OF ANSWER IS ORIGINAL SIGN

CASE 2: SIGNS ARE DIFF.
① IGNORE SIGNS
② SUBTRACT SMALLER # FROM LARGER #
③ SIGN OF ANSWER IS THE ORIGINAL SIGN OF LARGER #

#1
$-5+13$ $5, 13$
$+8$ $13-5=8$
8

#2 $-8+(-2)$
$-8-2$ $8, 2$
-10 $8+2=10$

#3 $(-10)+24+(-7)$
$-10+24-7$ $10, 24$
$+14-7$ $24-10=14$
$\boxed{7}$

#4 $-5 \rightarrow \boxed{5}$

MULT.
$(-)(-) = +$
$(+)(+) = +$
$(-)(+) = -$
$(+)(-) = -$

DIVISION
$\frac{(-)}{(-)} = +$
$\frac{(+)}{(+)} = +$
$\frac{(-)}{(+)} = -$
$\frac{(+)}{(-)} = -$

#5 $9-(-2)$
$9+2$
11

#6 $-50-(-2)$
$-50+2$ $50, 2$
-48 $50-2=48$

#7 $(-5)(-8)$
$+40$
$\boxed{40}$

#8 $-2(3)(-4)$
$-6(-4)$
$+24$
$\boxed{24}$

#9 $\frac{5}{1} \rightarrow \boxed{\frac{1}{5}}$

#10 $\frac{2}{3} \rightarrow \boxed{\frac{3}{2}}$

#11 $\frac{-30}{-3}$
$+10$
$\boxed{10}$

#12 $\frac{-25}{5}$
$\boxed{-5}$