

UOL1: Integer Review

September-29-14 9:59 AM

Add I's

- eg. 1) $(-5) + (-3) = \boxed{-8}$
 2) $(+2) + (+12) = \boxed{14}$
 3) $(-7) + (+9) = \boxed{2}$
 4) $(+16) + (-20) = \boxed{-4}$
 5) $(-6) + (-5) + (+11) = \boxed{0}$

★ Summary: ★

- If signs same, ADD number keep sign.
- If signs diff, SUBTRACT numbers & keep sign of larger numerical #.

Sub I's

- eg. 1) $(-5) - (-4) = (-5) + (+4) = \boxed{-1}$
 2) $(+4) - (+3) = (+4) + (-3) = \boxed{1}$
 3) $7 - 16 = (7) + (-16) = \boxed{-9}$

★ Summary: ★

- Rewrite as additions statement
- "Keep Flip Flip" eg. $(-5) - (-4) = (-5) + (+4) = \boxed{-1}$
 Keep ↑ Flip to addition ↑ Flip to opposite sign ↑

Mult & Div I's

Xor ÷	+	-
+	+	-
-	-	+

- eg. 1) $(+3)(-5) = \boxed{-15}$
 2) $(-4)(-2) = \boxed{8}$
 3) $(6)(-1)(-2)(-3) = \boxed{-36}$
 4) $(-1)^{99} = \boxed{-1}$
 5) $(-15) \div (+3) = \boxed{-5}$

★ Summary ★

- If signs same, answer is POSITIVE
 - If even number of neg. signs, answer is POSITIVE
 - If odd number of neg. signs, answer is NEGATIVE
- (2 integer questions)
(3 or more negative questions)*

Assignment: Integer PKG PG1 (all) PG2 & 3 Magical Squares (do five), PG4 (all)