

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 1B.1 - Adding & Subtracting Real Numbers**

#1-8, Simplify.

1.  $-5 + 7$

$= \boxed{2}$

2.  $5 + (-7)$

$= \boxed{-2}$

3.  $5 + 7$

$= \boxed{12}$

4.  $-5 + (-7)$

$= \boxed{-12}$

5.  $-2.1 + 9.3$

$= \boxed{7.2}$

6.  $2.1 + (-9.3)$

$= \boxed{-7.2}$

7.  $2.1 + 9.3$

$= \boxed{11.4}$

8.  $-2.1 + (-9.3)$

$= \boxed{-11.4}$

9. When adding one positive and one negative number, how can we tell whether our answer will be positive or negative?

When adding one positive and one negative number, our answer will keep the sign of the larger digit.

#10-17, Simplify.

10.  $6 - 8$

$= \boxed{-2}$

11.  $-6 - 8$

$= \boxed{-14}$

12.  $-6 - 8 - 10$

$= \boxed{-24}$

13.  $-6 + 8$

$= \boxed{2}$

14.  $6 + (-8)$

$= \boxed{-2}$

15.  $-6 + (-8)$

$= \boxed{-14}$

16.  $-6 + (-8) + (-10)$

$= \boxed{-24}$

17.  $-\frac{4}{5} - \frac{2}{3}$

*need common denominator*

 $= -\frac{12}{15} - \frac{10}{15} = \boxed{-\frac{22}{15}}$

#18-25, Simplify.

18.  $10 - (-8)$

$= 10 + 8$

$= \boxed{18}$

19.  $-10 - (-8)$

$= -10 + 8$

$= \boxed{-2}$

20.  $25 - (-5)$

$= 25 + 5$

$= \boxed{30}$

21.  $25 + (-5)$

$= 25 - 5$

$= \boxed{20}$

22.  $-7 - (-7)$

$= -7 + 7$

$= \boxed{0}$

23.  $-5 - 12 - (-15)$

$= -5 - 12 + 15$

$= \boxed{-2}$

24.  $-14 - (-10) - 5$

$= -14 + 10 - 5$

$= \boxed{-9}$

25.  $\frac{5}{6} - \left(-\frac{1}{4}\right)$

*need common denominator*

 $= \frac{10}{12} + \frac{3}{12} = \boxed{\frac{13}{12}}$