

**College Prep Algebra**  
**Arithmetic Review**

**NAME** \_\_\_\_\_  
**HOUR** \_\_\_\_\_ **DUE DATE** \_\_\_\_\_

Show all work on attached notebook paper. Do not write on the back of any papers to be handed in. This assignment is due on the announced deadline date for possible full credit or on the day of the test for partial credit. Calculators will **not** be used on this assignment. Check answers with the key posted in the classroom or on my office bulletin board and correct any mistakes before handing in.

1.)  $6\frac{5}{6} + 3\frac{1}{6}$

2.)  $\frac{2}{3} + \frac{7}{12} + \frac{3}{4}$

3.)  $4\frac{7}{8} - 2\frac{1}{8}$

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

5.)  $6\frac{3}{8} - 4$

6.)  $7\frac{2}{3} - 4\frac{7}{8}$

7.)  $\frac{3}{4} \times \frac{8}{9}$

8.)  $1\frac{1}{8} \times 5\frac{1}{3}$

9.)  $\frac{2}{3}(18)$

10.)  $\frac{7}{8}$  of 12

11.)  $4\frac{1}{3} \div 6$

12.)  $6 \div \frac{1}{3}$

13.)  $3\frac{1}{3} \div 2\frac{1}{2}$

14.)  $(\frac{2}{3})^2$

15.)  $\sqrt{\frac{36}{49}}$

16.)  $0.7 + 0.9 + 0.8$

17.)  $0.4 + 7 + 0.06$

18.)  $7.65 - 1.3$

19.)  $9.2 - 4.68$

20.)  $8 - 0.07$

21.)  $0.008 - 0.0003$

22.)  $0.3 \times 0.8$

23.)  $0.4(0.05)$

24.)  $0.3(1.8)$

25.)  $6.14 \div 2$

26.)  $(0.785) \div (0.5)$

27.)  $0.024 \div 6$

28.)  $75 \div 0.006$

29.)  $(0.02)^3$

30.)  $\sqrt{0.0016}$

Change the following fractions to decimals:

31.)  $\frac{3}{8}$

32.)  $\frac{1}{6}$  (repeating bar notation)

33.)  $4\frac{1}{16}$

34.)  $\frac{1}{12}$  (repeating bar notation)

Prime factor the following:

35.) 12

36.) 60

37.) 41

38.) 150

39.) 111

40.) 120