

Name: _____ Date: _____

Section 4 Adding Fractions

HW

ABSORB

Fractions that have a common denominator may be added as shown in the example below.

Example 1: $\frac{3}{10} + \frac{1}{10} = \underline{\hspace{2cm}}$

$$\frac{3}{10} + \frac{1}{10} = \frac{4}{10}$$

For fractions that do not have a common denominator, a common denominator will need to be found before adding.

Example 2: $\frac{3}{5} + \frac{1}{3} = \underline{\hspace{2cm}}$

$$\frac{9}{15} + \frac{5}{15} = \underline{\hspace{2cm}}$$

$$\frac{9}{15} + \frac{5}{15} = \frac{14}{15}$$

APPLY

Add the fractions below. In some of the problems, you will first need to find a common denominator.

1. $\frac{1}{3} + \frac{1}{3} = \underline{\hspace{2cm}}$

2. $\frac{2}{7} + \frac{3}{7} = \underline{\hspace{2cm}}$

3. $\frac{5}{6} + \frac{1}{4} = \underline{\hspace{2cm}}$

4. $\frac{1}{4} + \frac{2}{8} = \underline{\hspace{2cm}}$

5. $\frac{2}{3} + \frac{1}{4} = \underline{\hspace{2cm}}$

6. $\frac{3}{6} + \frac{3}{24} = \underline{\hspace{2cm}}$

7. $\frac{4}{5} + \frac{5}{9} = \underline{\hspace{2cm}}$

8. $\frac{3}{12} + \frac{5}{36} = \underline{\hspace{2cm}}$

9. $\frac{7}{8} + \frac{1}{3} = \underline{\hspace{2cm}}$

10. $\frac{1}{9} + \frac{12}{9} = \underline{\hspace{2cm}}$

11. $\frac{1}{6} + \frac{2}{6} + \frac{3}{6} = \underline{\hspace{2cm}}$

12. $\frac{2}{5} + \frac{1}{4} + \frac{3}{5} = \underline{\hspace{2cm}}$

13. $\frac{5}{8} + \frac{1}{3} + \frac{1}{4} = \underline{\hspace{2cm}}$

14. $\frac{1}{20} + \frac{3}{20} + \frac{4}{10} = \underline{\hspace{2cm}}$

15. $\frac{1}{4} + \frac{2}{6} + \frac{3}{12} = \underline{\hspace{2cm}}$

16. $\frac{4}{5} + \frac{2}{10} + \frac{1}{15} = \underline{\hspace{2cm}}$