

Name: _____

Mixed Numbers & Improper Fractions

1. Change $5\frac{3}{4}$ to an improper fraction.

Now draw a sketch to show why your improper fraction and the mixed number $5\frac{3}{4}$ are equivalent.

2. _____ eighths = $2\frac{2}{8}$

$1\frac{5}{6}$ = _____ sixths

3. $\frac{5}{3}$ = _____ times $\frac{1}{3}$

$\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ = _____ $\times \frac{1}{2}$

4. $1\frac{3}{5}$ = $\frac{4}{5} + \frac{3}{5} +$ _____

5. $1\frac{5}{6}$ = $\frac{3}{6} + \frac{1}{6} +$ _____

6. $\frac{7}{5}$ = _____ $- \frac{3}{5}$

$\frac{7}{5}$ = $\frac{3}{5} +$ _____

7. $2\frac{4}{5}$ = _____ fifths

$3\frac{2}{3}$ = _____ thirds

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8. $2 \frac{5}{6} = 3/6 + 2/6 + \underline{\hspace{2cm}}$

9. $1 \frac{5}{6} = 4/6 + 2/6 + \underline{\hspace{2cm}}$

10. Compare using the symbols { <, =, > }:

$8/8 \underline{\hspace{1cm}} 1 \frac{1}{8}$

$13/17 \underline{\hspace{1cm}} 13/18$

$78/92 \underline{\hspace{1cm}} 87/92$

$9/4 \underline{\hspace{1cm}} 11/4$

$15/3 \underline{\hspace{1cm}} 15/7$

$9/10 \underline{\hspace{1cm}} 1/2$

$1 \frac{5}{8} \underline{\hspace{1cm}} 16/8$

$39/39 \underline{\hspace{1cm}} 41/41$

$1 \frac{4}{5} \underline{\hspace{1cm}} 11/5$

11. Last week, you walked your dog $\frac{1}{4}$ mile each weekday (5 days). Your brother walked the dog $\frac{3}{4}$ mile on Saturday and another $\frac{3}{4}$ mile on Sunday. Who walked the dog farther last week? How much farther?

Your brother walked the dog _____ times as far on Saturday as you did on Friday.