Fractions 6

Converting Improper Fractions to Mixed Numbers

To convert Improper Fractions, <u>divide</u> the numerator by the <u>DENOMINATOR</u> then <u>record</u> the <u>remainder</u>.

1. $\frac{52}{9} = 5\frac{7}{9}$

2. $\frac{41}{6} = 6\frac{5}{6}$

3. $\frac{37}{7} = 5\frac{2}{7}$

4. $\frac{22}{10} = 2\frac{2}{10} \overset{\div 2}{=} 2\frac{1}{5}$

5. $\frac{17}{6} = 2\frac{5}{6}$

6. $\frac{57}{8} = 7\frac{1}{8}$

7. $\frac{85}{11} = 7\frac{8}{11}$

8. $\frac{41}{12} = 3\frac{5}{12}$

9. $\frac{34}{8} = 4\frac{2}{8} \overset{\div 2}{=} 4\frac{1}{4}$

10. $\frac{29}{12} = 2\frac{5}{12}$

11. $\frac{2}{7} \overset{16}{+} \frac{3}{8} \overset{21}{=} \frac{37}{56}$

12. $\frac{7}{12} \overset{49}{-} \frac{1}{7} \overset{12}{=} \frac{37}{84}$

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Fractions

Homework

Converting Improper Fractions to Mixed Numbers

To convert Improper Fractions, <u>divide</u> the numerator by the DENOMINATOR then <u>record</u> the REMAINDER.

1. $\frac{25}{4} = 6\frac{1}{4}$

2. $\frac{33}{5} = 6\frac{3}{5}$

3. $\frac{42}{8} = 5\frac{2\div2}{8\div2} = 5\frac{1}{4}$

4. $\frac{19}{2} = 9\frac{1}{2}$

5. $\frac{55}{6} = 9\frac{1}{6}$

6. $\frac{63}{7} = 9$

7. $\frac{54}{3} = 18$

8. $\frac{110}{13} = 8\frac{6}{13}$

9. $\frac{100}{9} = 11\frac{1}{9}$

10. $\frac{29}{3} = 9\frac{2}{3}$

11. $\frac{1}{12} + \frac{5}{6}$ (6, 60) $= \frac{66\div6}{72\div6} = \frac{11}{12}$

12. $\frac{14}{15} - \frac{2}{7}$ (98, 30) $= \frac{68}{105}$

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