

Working with Whole Number and Fractions

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To rewrite a whole number in fraction form :

1. Numerator = whole number
2. Denominator = 1

Ex. $3 = \frac{3}{1}$ $5 = \frac{5}{1}$ $8 = \frac{8}{1}$

Ex. Kate ordered 7 pizzas. If $3\frac{2}{8}$ were eaten right away, then $2\frac{5}{6}$ were eaten later on, how many pizzas are left?

Eaten:

$$3\frac{1}{4} + 2\frac{5}{6}$$

$$3 \times \frac{3}{4} + \frac{17 \times 2}{6 \times 2}$$

LCM: 12 CD = 12

$$\frac{39}{12} + \frac{34}{12} = \frac{39+34}{12} = \frac{73}{12} = 6\frac{1}{12}$$

Left-over:

$$12 \times \frac{7}{1} - 6\frac{1}{12}$$

$$\frac{84}{12} - \frac{73}{12} = \frac{84-73}{12} = \frac{11}{12} \text{ Pizza Remaining}$$

New Textbook p. 120 # 3, 6, 7-10, 12-14