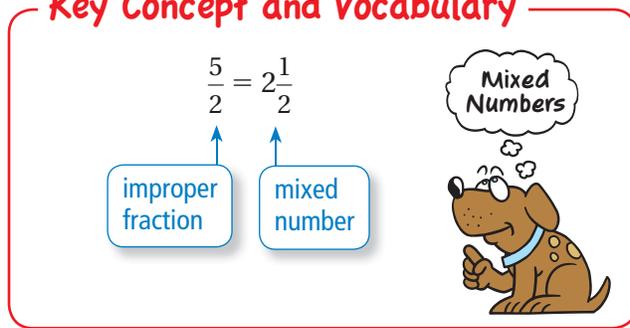


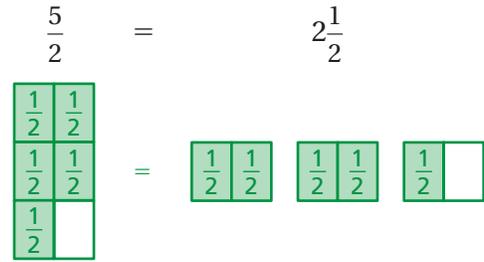
REVIEW: Mixed Numbers and Improper Fractions

Name _____

Key Concept and Vocabulary



Visual Model

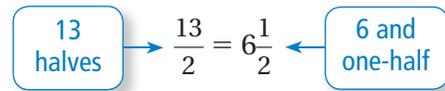


Skill Examples

- $\frac{7}{3} = 2\frac{1}{3}$
- $\frac{8}{4} = 2$
- $2\frac{1}{4} = \frac{8}{4} + \frac{1}{4} = \frac{9}{4}$
- $3\frac{3}{5} = \frac{15}{5} + \frac{3}{5} = \frac{18}{5}$

Application Example

- During a month, you used 13 half-hours of phone time. How many hours did you use?



You used $6\frac{1}{2}$ hours.

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Check your answers at BigIdeasMath.com.

Write the improper fraction as a mixed number.

- $\frac{4}{3} = \underline{1\frac{1}{3}}$
- $\frac{3}{2} = \underline{1\frac{1}{2}}$
- $\frac{8}{3} = \underline{2\frac{2}{3}}$
- $\frac{9}{6} = \underline{1\frac{1}{2}}$
- $\frac{7}{4} = \underline{1\frac{3}{4}}$
- $\frac{28}{3} = \underline{9\frac{1}{3}}$
- $\frac{19}{4} = \underline{4\frac{3}{4}}$
- $\frac{11}{2} = \underline{5\frac{1}{2}}$

Write the mixed number as an improper fraction.

- $2\frac{2}{3} = \underline{\hspace{2cm}}$
- $\frac{8}{3}$
- $5\frac{1}{4} = \underline{\hspace{2cm}}$
- $\frac{21}{4}$
- $3\frac{2}{5} = \underline{\hspace{2cm}}$
- $\frac{17}{5}$
- $1\frac{3}{8} = \underline{\hspace{2cm}}$
- $\frac{11}{8}$

- Rewrite the sentence using a mixed number. Susan drinks five-fourths of a quart of milk.
Susan drinks $1\frac{1}{4}$ quarts of milk.

- Rewrite the sentence using an improper fraction. Tom runs for 2 and one quarter hours.
Tom runs for $\frac{9}{4}$ hours.

- NUMBER LINE** Graph the improper fractions on the number line: $\frac{5}{3}$, $\frac{7}{2}$, and $\frac{13}{3}$.

