Name: _____ Date: _____

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Improper Fraction to Mixed Fraction

Convert the improper fractions to mixed fractions.

Remember:

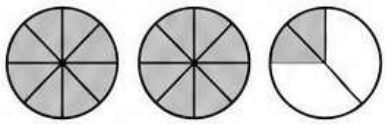
- An improper fraction has a numerator greater than or equal to the denominator.
- A mixed fraction has a whole number and a proper fraction.

Example:

$\frac{11}{4} = 2\frac{3}{4}$

$11 \div 4 = 2$ remainder 3

So, $\frac{11}{4} = 2\frac{3}{4}$



$\frac{11}{4} = 2\frac{3}{4}$

1. Convert the improper fractions to mixed fractions.

a) $\frac{7}{3} =$ ☐

b) $\frac{9}{4} =$ ☐

c) $\frac{11}{5} =$ ☐

d) $\frac{13}{6} =$ ☐

e) $\frac{17}{8} =$ ☐

f) $\frac{15}{4} =$ ☐

g) $\frac{19}{7} =$ ☐

h) $\frac{23}{9} =$ ☐

2. Convert the improper fractions to mixed fractions.

a) $\frac{5}{2} =$ ☐

b) $\frac{12}{5} =$ ☐

c) $\frac{14}{3} =$ ☐

d) $\frac{16}{7} =$ ☐

e) $\frac{20}{6} =$ ☐

f) $\frac{25}{8} =$ ☐

g) $\frac{29}{10} =$ ☐

h) $\frac{31}{12} =$ ☐

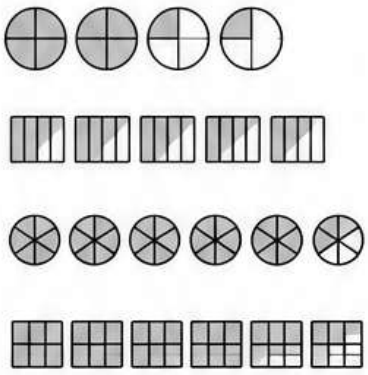
3. Write the mixed fractions for the improper fractions.

a) $\frac{9}{4} =$ ☐

b) $\frac{11}{5} =$ ☐

c) $\frac{14}{6} =$ ☐

d) $\frac{17}{8} =$ ☐



4. Convert the mixed fractions to improper fractions.

a) $2\frac{1}{3} =$ ☐

b) $3\frac{2}{5} =$ ☐

c) $4\frac{3}{7} =$ ☐

d) $5\frac{5}{8} =$ ☐

e) $6\frac{1}{4} =$ ☐

f) $7\frac{2}{9} =$ ☐

g) $8\frac{3}{6} =$ ☐

h) $9\frac{5}{12} =$ ☐

5. Convert the mixed fractions to improper fractions.

a) $1\frac{3}{5} =$ ☐

b) $2\frac{4}{7} =$ ☐

c) $3\frac{5}{6} =$ ☐

d) $4\frac{1}{8} =$ ☐

e) $5\frac{2}{9} =$ ☐

f) $6\frac{7}{10} =$ ☐

g) $7\frac{3}{4} =$ ☐

h) $8\frac{5}{12} =$ ☐

6. Fill in the missing number.

a) $\frac{11}{4} = 2\frac{\square}{4}$

b) $\frac{17}{5} = 3\frac{\square}{5}$

c) $\frac{25}{6} = 4\frac{\square}{6}$

d) $\frac{29}{8} = 3\frac{\square}{8}$

e) $\frac{13}{7} = 1\frac{\square}{7}$

f) $\frac{19}{9} = 2\frac{\square}{9}$

g) $\frac{23}{5} = 4\frac{\square}{5}$

h) $\frac{37}{10} = 3\frac{\square}{10}$

7. Word Problems

a) A ribbon is $\frac{13}{6}$ m long. Write it as a mixed fraction.
Answer: _____

b) A jug has $\frac{17}{4}$ L of water. Write it as a mixed fraction.
Answer: _____

c) A cake is cut into $\frac{11}{5}$ equal pieces. Write it as a mixed fraction.
Answer: _____

d) A rope is $\frac{22}{7}$ m long. Write it as a mixed fraction.
Answer: _____