MathVine - Pre-Algebra Name_____

Mixed Numbers and Improper Fractions Date_____ Period_____

**Convert to Mixed Number or Improper Fraction**

1) $\frac{15}{4}$

2) $\frac{20}{11}$

3) $\frac{24}{18}$

4) $\frac{6}{4}$

5) $\frac{27}{24}$

6) $1\frac{5}{6}$

7) $1\frac{3}{6}$

8) $1\frac{2}{5}$

9) $1\frac{1}{15}$

Mixed Numbers and Improper Fractions Date_____ Period_____

**Convert to Mixed Number or Improper Fraction**

1) $\frac{15}{4}$

Answer: $3\frac{3}{4}$

2) $\frac{20}{11}$

Answer: $1\frac{9}{11}$

3) $\frac{24}{18}$

Answer: $1\frac{6}{18}$

4) $\frac{6}{4}$

Answer: $1\frac{2}{4}$

5) $\frac{27}{24}$

Answer: $1\frac{3}{24}$

6) $1\frac{5}{6}$

Answer: $\frac{11}{6}$

7) $1\frac{3}{6}$

Answer: $\frac{9}{6}$

8) $1\frac{2}{5}$

Answer: $\frac{7}{5}$

9) $1\frac{1}{15}$

Answer: $\frac{16}{15}$

Mixed Numbers and Improper Fractions Date_____ Period_____

**Solution Steps**

1) $\frac{15}{4}$

Because $\frac{15}{4}$ is an improper fraction (the numerator is greater than the denominator), we need to convert it to a mixed number

$\frac{15}{4} = 3\frac{3}{4}$

2) $\frac{20}{11}$

Because $\frac{20}{11}$ is an improper fraction (the numerator is greater than the denominator), we need to convert it to a mixed number

$\frac{20}{11} = 1\frac{9}{11}$

3) $\frac{24}{18}$

Because $\frac{24}{18}$ is an improper fraction (the numerator is greater than the denominator), we need to convert it to a mixed number

$\frac{24}{18} = 1\frac{6}{18}$

4) $\frac{6}{4}$

Because $\frac{6}{4}$ is an improper fraction (the numerator is greater than the denominator), we need to convert it to a mixed number

$\frac{6}{4} = 1\frac{2}{4}$

5) $\frac{27}{24}$

Because $\frac{27}{24}$ is an improper fraction (the numerator is greater than the denominator), we need to convert it to a mixed number

$\frac{27}{24} = 1\frac{3}{24}$

6) $1\frac{5}{6}$

$1\frac{5}{6} = \frac{1 * 6 + 5}{6} = \frac{11}{6}$

7) $1\frac{3}{6}$

$1\frac{3}{6} = \frac{1 * 6 + 3}{6} = \frac{9}{6}$

8) $1\frac{2}{5}$

$1\frac{2}{5} = \frac{1 * 5 + 2}{5} = \frac{7}{5}$

9) $1\frac{1}{15}$

$1\frac{1}{15} = \frac{1 * 15 + 1}{15} = \frac{16}{15}$