



Mixed Numbers and Improper Fractions

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Convert $3 \frac{1}{4}$ to an improper fraction: $3 \times 4 + 1 =$ _____ /4.
2. Convert $5 \frac{2}{3}$ to an improper fraction: it equals _____ /3.
3. Convert $\frac{17}{5}$ to a mixed number: $17 \div 5 = 3$ remainder 2, so $\frac{17}{5} = 3$ _____ /5.
4. Convert $\frac{22}{6}$ to a mixed number: $22 \div 6 = 3$ remainder 4, so $\frac{22}{6} = 3$ _____ /6.
5. On a number line, $\frac{11}{4}$ lies exactly _____ fourths past the whole number 2.
6. The improper fraction $\frac{25}{8}$ equals 3 _____ /8 as a mixed number.
7. The mixed number $6 \frac{5}{6}$ written as an improper fraction is _____ /6.
8. If 1 whole equals $\frac{7}{7}$, then 2 wholes equals _____ /7.
9. Write $4 \frac{1}{3}$ as an improper fraction: _____ /3.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$2 \frac{1}{2}$ as an improper fraction	→ _____	$\frac{5}{2}$
$\frac{9}{2}$ as a mixed number	→ _____	$4 \frac{1}{2}$
$3 \frac{2}{5}$ as an improper fraction	→ _____	$\frac{17}{5}$
Improper form of 1 whole using fifths	→ _____	$\frac{5}{5}$

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Convert $3 \frac{1}{4}$ to an improper fraction: $3 \times 4 + 1 = \underline{13}$ /4.
2. Convert $5 \frac{2}{3}$ to an improper fraction: it equals $\underline{17}$ /3.
3. Convert $\frac{17}{5}$ to a mixed number: $17 \div 5 = 3$ remainder 2, so $\frac{17}{5} = 3 \underline{2}$ /5.
4. Convert $\frac{22}{6}$ to a mixed number: $22 \div 6 = 3$ remainder 4, so $\frac{22}{6} = 3 \underline{4}$ /6.
5. On a number line, $\frac{11}{4}$ lies exactly $\underline{3}$ fourths past the whole number 2.
6. The improper fraction $\frac{25}{8}$ equals 3 $\underline{1}$ /8 as a mixed number.
7. The mixed number $6 \frac{5}{6}$ written as an improper fraction is $\underline{41}$ /6.
8. If 1 whole equals $\frac{7}{7}$, then 2 wholes equals $\underline{14}$ /7.
9. Write $4 \frac{1}{3}$ as an improper fraction: $\underline{13}$ /3.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$2 \frac{1}{2}$ as an improper fraction	→ $\underline{5/2}$	$5/2$
$9/2$ as a mixed number	→ $\underline{4 \frac{1}{2}}$	$4 \frac{1}{2}$
$3 \frac{2}{5}$ as an improper fraction	→ $\underline{17/5}$	$17/5$
Improper form of 1 whole using fifths	→ $\underline{5/5}$	$5/5$