

Name : \_\_\_\_\_

## Rounding Improper Fraction

Example: Round  $\frac{19}{4}$  to the nearest whole number.

Step 1: Convert improper fraction into mixed number.

$$\frac{19}{4} = 4\frac{3}{4}$$

Step 2: Look at the fraction part of the mixed number. If the fraction is greater than or equal to  $\frac{1}{2}$ , round up to the nearest whole number. If the fraction is less than  $\frac{1}{2}$ , round down to the nearest whole number.

$\frac{3}{4}$  is greater than  $\frac{1}{2}$ . Round up  $\frac{3}{4}$  to the nearest whole number, which is one.

$4\frac{3}{4}$  rounded to the nearest whole number is 5.

Round each fraction to the nearest whole number.

1)  $\frac{28}{5}$  \_\_\_\_\_

2)  $\frac{65}{9}$  \_\_\_\_\_

3)  $\frac{7}{3}$  \_\_\_\_\_

4)  $\frac{33}{4}$  \_\_\_\_\_

5)  $\frac{50}{9}$  \_\_\_\_\_

6)  $\frac{8}{7}$  \_\_\_\_\_

7)  $\frac{43}{6}$  \_\_\_\_\_

8)  $\frac{16}{5}$  \_\_\_\_\_

9)  $\frac{9}{2}$  \_\_\_\_\_

10)  $\frac{79}{8}$  \_\_\_\_\_

**Rounding Improper Fraction**

Example: Round  $\frac{19}{4}$  to the nearest whole number.

Step 1: Convert improper fraction into mixed number.

$$\frac{19}{4} = 4\frac{3}{4}$$

Step 2: Look at the fraction part of the mixed number. If the fraction is greater than or equal to  $\frac{1}{2}$ , round up to the nearest whole number. If the fraction is less than  $\frac{1}{2}$ , round down to the nearest whole number.

$\frac{3}{4}$  is greater than  $\frac{1}{2}$ . Round up  $\frac{3}{4}$  to the nearest whole number, which is one.

$4\frac{3}{4}$  rounded to the nearest whole number is 5.

Round each fraction to the nearest whole number.

1)  $\frac{28}{5}$      6

2)  $\frac{65}{9}$      7

3)  $\frac{7}{3}$      2

4)  $\frac{33}{4}$      8

5)  $\frac{50}{9}$      6

6)  $\frac{8}{7}$      1

7)  $\frac{43}{6}$      7

8)  $\frac{16}{5}$      3

9)  $\frac{9}{2}$      5

10)  $\frac{79}{8}$      10