

Rounding Improper Fraction

Example: Round $\frac{8}{3}$ to the nearest whole number.

Step 1: Convert improper fraction into mixed number.

$$\frac{8}{3} = 2\frac{2}{3}$$

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.

$\frac{2}{3}$ is greater than $\frac{1}{2}$, so we round up to the next whole number, which is three.

$2\frac{2}{3}$ rounds to 3.

Round each fraction to the nearest whole number.

1) $\frac{9}{4}$ _____

3) $\frac{21}{2}$ _____

5) $\frac{7}{5}$ _____

7) $\frac{82}{9}$ _____

8) $\frac{61}{3}$ _____

9) $\frac{46}{6}$ _____

10) $\frac{8}{5}$ _____

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$$\frac{8}{3} = 2\frac{2}{3}$$

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.

$\frac{2}{3}$ is greater than $\frac{1}{2}$, so we round up to the next whole number, which is one.

$2\frac{2}{3}$ rounds up to 3.

Round each fraction to the nearest whole number.

1) $\frac{9}{4}$ _____

3) $\frac{21}{2}$ _____

5) $\frac{7}{5}$ _____

7) $\frac{82}{9}$ **9**

8) $\frac{61}{3}$ **20**

9) $\frac{46}{6}$ **8**

10) $\frac{8}{5}$ **2**

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