

Fractions Skill 5 - 10G

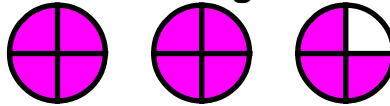
Mixed Numbers

Test question 10G: Write $3\frac{3}{4}$ as a fraction. **Answer:** $\frac{15}{4}$. Write $\frac{37}{6}$ as a mixed number.

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

A mixed number is a number consisting of a whole number and a fraction.

A mixed number can be renamed as a fraction.



$$2\frac{3}{4} = \frac{12}{4}$$

A fraction greater than 1 can be renamed as a mixed number.

Rename $2\frac{1}{4}$ as a fraction.

Step 1	Step 2	Step 3
Multiply the whole number by denominator.	Add the numerator.	Use 9 as the numerator.
$2\frac{1}{4}$ $2 \times 4 = 8$	$8 + 1 = 9$	$\frac{9}{4}$ $2\frac{1}{4} = \frac{9}{4}$

Rename $\frac{9}{4}$ as a mixed number.

Step 1	Step 2
Divide the numerator by the denominator.	The remainder becomes the numerator. The divisor remains the denominator.
$\begin{array}{r} 2 \\ 4 \overline{)9} \\ \underline{-8} \\ 1 \end{array}$	$\begin{array}{r} 2 \leftarrow \text{Remainder} \\ 4 \leftarrow \text{Divisor} \\ 4 \overline{)9} \\ \underline{-8} \\ 1 \end{array} \quad \frac{9}{4} = 2\frac{1}{4}$

Directions: Write each mixed number as a fraction.

1. $2\frac{1}{2}$

2. $3\frac{1}{3}$

3. $2\frac{1}{4}$

4. $5\frac{3}{4}$

5. $4\frac{2}{3}$

6. $1\frac{2}{5}$

Fractions

Skill 5 - 10G

Mixed Numbers**Directions:** Write each mixed number as a fraction.

7. $2\frac{4}{5}$

8. $1\frac{3}{10}$

9. $2\frac{7}{8}$

10. $1\frac{7}{11}$

11. $2\frac{3}{6}$

12. $1\frac{2}{5}$

13. $1\frac{4}{6}$

14. $2\frac{5}{12}$

15. $3\frac{5}{8}$

Directions: Write each fraction as a mixed number.

16. $\frac{11}{6}$

17. $\frac{5}{3}$

18. $\frac{13}{4}$

19. $\frac{18}{5}$

20. $\frac{12}{7}$

21. $\frac{7}{3}$

22. $\frac{11}{2}$

23. $\frac{17}{8}$

24. $\frac{37}{6}$

25. $\frac{15}{4}$

26. $\frac{13}{3}$

27. $\frac{9}{4}$

28. $\frac{17}{6}$

29. $\frac{15}{8}$

30. $\frac{14}{9}$

Answers: Skill 10G, Grade 5

1. $\frac{5}{2}$

2. $\frac{10}{3}$

3. $\frac{9}{4}$

4. $\frac{23}{4}$

5. $\frac{14}{3}$

6. $\frac{7}{5}$

7. $\frac{14}{5}$

8. $\frac{13}{10}$

9. $\frac{23}{8}$

10. $\frac{18}{11}$

11. $\frac{15}{6}$

12. $\frac{7}{5}$

13. $\frac{10}{6}$

14. $\frac{29}{12}$

15. $\frac{29}{8}$

16. $1\frac{5}{6}$

17. $1\frac{2}{3}$

18. $3\frac{1}{4}$

19. $3\frac{3}{5}$

20. $1\frac{5}{7}$

21. $2\frac{1}{3}$

22. $5\frac{1}{2}$

23. $2\frac{1}{8}$

24. $6\frac{1}{6}$

25. $3\frac{3}{4}$

26. $4\frac{1}{3}$

27. $2\frac{1}{4}$

28. $2\frac{5}{6}$

29. $1\frac{7}{8}$

30. $1\frac{5}{9}$