

Fractions Skill 5 - 13B

Subtract Mixed Numbers

Subtract mixed numbers with unlike denominators using the LCD.

Test question 13B: Subtract $5\frac{2}{3} - 2\frac{1}{4}$ Write the answer in simplest form.

Test Question 13B	Another Example
<p>1. Find the LCD and write equivalent fractions. 2. Subtract.</p> $\begin{array}{r} 5\frac{2}{3} = 5\frac{8}{12} \\ - 2\frac{1}{4} = -2\frac{3}{12} \\ \hline 3\frac{5}{12} \end{array}$	<p>Find the difference. Write answer in simplest form.</p> $\begin{array}{r} 6\frac{4}{5} = 6\frac{8}{10} \\ - 3\frac{4}{10} = -3\frac{4}{10} \\ \hline \text{Simplify} \rightarrow 3\frac{4}{10} = 3\frac{2}{5} \end{array}$

Directions: Subtract. Write the answer in simplest form.

1.
$$\begin{array}{r} 7\frac{3}{4} \\ - 3\frac{1}{2} \\ \hline \end{array}$$

2.
$$\begin{array}{r} 4\frac{2}{3} \\ - 1\frac{1}{6} \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8\frac{1}{4} \\ - 5\frac{1}{8} \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8\frac{3}{4} \\ - 3\frac{3}{8} \\ \hline \end{array}$$

5.
$$\begin{array}{r} 6\frac{1}{2} \\ - 4\frac{1}{4} \\ \hline \end{array}$$

6.
$$\begin{array}{r} 5\frac{3}{5} \\ - 2\frac{1}{4} \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6\frac{5}{8} \\ - 3\frac{3}{16} \\ \hline \end{array}$$

8.
$$\begin{array}{r} 3\frac{4}{6} \\ - 1\frac{1}{3} \\ \hline \end{array}$$

9.
$$\begin{array}{r} 2\frac{5}{8} \\ - 1\frac{1}{2} \\ \hline \end{array}$$

Fractions

Skill 5 - 13B

Subtract Mixed Numbers

Directions: Subtract. Write the answer in simplest form.

$$\begin{array}{r} 10. \quad 7\frac{1}{2} \\ - 6\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 8\frac{3}{4} \\ - 5\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4\frac{6}{7} \\ - 1\frac{5}{14} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 5\frac{4}{5} \\ - 2\frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 9\frac{5}{8} \\ - 4\frac{3}{16} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 6\frac{2}{4} \\ - 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 8\frac{7}{12} \\ - 7\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 5\frac{8}{10} \\ - 3\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 7\frac{8}{16} \\ - 2\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 6\frac{5}{8} \\ - 3\frac{5}{16} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 9\frac{7}{8} \\ - 3\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 7\frac{7}{12} \\ - 4\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 2\frac{7}{9} \\ - 1\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 3\frac{3}{4} \\ - 2\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 6\frac{2}{3} \\ - 1\frac{1}{4} \\ \hline \end{array}$$

Answers: Skill 13B, Grade 5

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

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

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

4. $5\frac{3}{8}$

5. $2\frac{1}{4}$

6. $3\frac{7}{20}$

7. $3\frac{7}{16}$

8. $2\frac{1}{3}$

9. $1\frac{1}{8}$

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

11. $3\frac{3}{20}$

12. $3\frac{1}{2}$

13. $3\frac{1}{2}$

14. $5\frac{7}{16}$

15. $3\frac{1}{6}$

16. $1\frac{1}{3}$

17. $2\frac{1}{5}$

18. $5\frac{1}{8}$

19. $3\frac{5}{16}$

20. $3\frac{3}{8}$

21. $3\frac{1}{4}$

22. $1\frac{1}{9}$

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

24. $5\frac{5}{12}$