

Changing Mixed Numbers into Improper Fractions

Copy each question into your book and write out the working to find the answer.

Example $4\frac{3}{5} = \frac{(4 \times 5) + 3}{5} = \frac{23}{5}$

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

13. $5\frac{31}{40} =$

25. $7\frac{4}{5} =$

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

14. $8\frac{7}{20} =$

26. $9\frac{1}{5} =$

3. $7\frac{3}{4} =$

15. $4\frac{7}{10} =$

27. $6\frac{3}{10} =$

4. $12\frac{1}{4} =$

16. $9\frac{7}{12} =$

28. $8\frac{4}{11} =$

5. $9\frac{1}{3} =$

17. $5\frac{6}{11} =$

29. $7\frac{5}{8} =$

6. $3\frac{3}{5} =$

18. $7\frac{9}{11} =$

30. $5\frac{4}{7} =$

7. $6\frac{3}{4} =$

19. $5\frac{7}{24} =$

31. $6\frac{3}{7} =$

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

20. $2\frac{5}{7} =$

32. $7\frac{1}{8} =$

9. $6\frac{5}{8} =$

21. $5\frac{3}{8} =$

33. $4\frac{5}{12} =$

10. $8\frac{9}{10} =$

22. $4\frac{1}{8} =$

34. $6\frac{7}{12} =$

11. $9\frac{5}{12} =$

23. $16\frac{7}{10} =$

35. $11\frac{5}{12} =$

12. $4\frac{3}{14} =$

24. $14\frac{5}{11} =$

36. $25\frac{3}{8} =$

Multiply Mixed Numbers

Copy each question into your books and calculate the answers following the example shown.

Remember the rule for multiplication of fractions: top times top; bottom times bottom.

Example $3\frac{1}{4} \times 2\frac{5}{7} = \frac{(3 \times 4) + 1}{4} \times \frac{(2 \times 7) + 5}{7} = \frac{13}{4} \times \frac{19}{7} = \frac{247}{28} = 8\frac{23}{28}$

1 $2\frac{1}{4} \times 2\frac{1}{3} =$

12 $4\frac{1}{4} \times 3\frac{1}{3} =$

2 $2\frac{3}{4} \times 3\frac{1}{3} =$

13 $4\frac{1}{4} \times 1\frac{1}{2} =$

3 $1\frac{1}{4} \times 4\frac{2}{5} =$

14 $4\frac{1}{6} \times 5\frac{1}{2} =$

4 $1\frac{3}{5} \times 2\frac{5}{6} =$

15 $5\frac{1}{4} \times 4\frac{1}{3} =$

5 $1\frac{1}{4} \times 2\frac{1}{3} =$

16 $5\frac{3}{4} \times 5\frac{2}{3} =$

6 $2\frac{1}{4} \times 1\frac{1}{3} =$

17 $4\frac{5}{6} \times 4\frac{2}{3} =$

7 $3\frac{1}{4} \times 1\frac{1}{3} =$

18 $6\frac{2}{3} \times 4\frac{3}{5} =$

8 $3\frac{1}{4} \times 4\frac{1}{3} =$

19 $6\frac{1}{5} \times 2\frac{2}{3} =$

9 $1\frac{1}{8} \times 2\frac{5}{6} =$

20 $7\frac{1}{2} \times 3\frac{1}{3} =$

10 $1\frac{1}{7} \times 1\frac{1}{9} =$

21 $2\frac{1}{4} \times 2\frac{1}{2} =$

11 $1\frac{1}{5} \times 1\frac{5}{6} =$

22 $2\frac{1}{9} \times 2\frac{1}{12} =$