

Chapter 5 Section 4: Mixed Numbers

Problems

Convert each mixed number into an improper fraction.

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

2. $-6\frac{3}{5} =$ _____

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

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

5. $8\frac{2}{3} =$ _____

6. $-11\frac{1}{5} =$ _____

Add or subtract.

7. $3\frac{9}{10} + 5\frac{3}{10} =$ _____

8. $6\frac{1}{4} + \frac{1}{4} =$ _____

9. $2\frac{2}{5} - 1\frac{2}{5} =$ _____

10. $4\frac{1}{3} - 2\frac{5}{6} =$ _____

11. $6 - \frac{4}{9} =$ _____

12. $-7\frac{1}{2} + 3\frac{1}{2} =$ _____

13. $2\frac{2}{3} + 4\frac{1}{4} =$ _____

14. $-3\frac{1}{2} - \frac{11}{30} =$ _____

15. $9\frac{4}{7} + 1\frac{3}{14} =$ _____

16. $8\frac{7}{12} + \frac{5}{16} =$ _____

17. $15\frac{4}{5} - 5\frac{3}{4} =$ _____

18. $-5\frac{1}{9} - 2\frac{6}{13} =$ _____

Multiply or divide.

19. $4\left(3\frac{1}{2}\right) =$ _____

20. $6\frac{1}{8} \div \frac{7}{4} =$ _____

21. $4\frac{2}{3} \cdot 5\frac{3}{7} =$ _____

22. $2\frac{1}{3} \cdot 6\frac{3}{5} =$ _____

23. $-9\frac{3}{5} \div -3 =$ _____

24. $-\frac{4}{5}\left(6\frac{3}{4}\right) =$ _____

25. $\left(10\frac{8}{9}\right)\left(\frac{3}{4}\right) =$ _____

26. $-3\frac{3}{5} \div -2\frac{1}{3} =$ _____

27. $-\frac{3}{5} \div -1\frac{4}{5} =$ _____

28. $-2\frac{2}{5} \cdot 7\frac{1}{4} =$ _____

29. $4\frac{3}{5} \div 3\frac{1}{2} =$ _____

30. $7\frac{3}{11} \div -4\frac{4}{15} =$ _____