

EXTRA PRACTICE 5**Addition, Subtraction, Multiplication, and Division of Real Numbers****Use after Sections 1.3 - 1.6****Name** _____

Examples: Add. $-\frac{3}{4} + \frac{2}{3} = -\frac{9}{12} + \frac{8}{12} = -\frac{1}{12}$
 $4.3 + (-6.2) = -1.9$

Add.

1. $-\frac{5}{6} + \left(-\frac{1}{3}\right) =$ _____

2. $\frac{5}{8} + \left(-\frac{2}{5}\right) =$ _____

3. $-\frac{7}{12} + \frac{1}{8} =$ _____

4. $-\frac{1}{4} + \left(-\frac{1}{6}\right) =$ _____

5. $\frac{5}{9} + \left(-\frac{3}{8}\right) =$ _____

6. $-\frac{2}{3} + \frac{9}{10} =$ _____

7. $-8.2 + 2.3 =$ _____

8. $-6.4 + 11.3 =$ _____

9. $-56 + (-4.3) =$ _____

10. $12.7 + (-15.4) =$ _____

11. $-4.9 + 8.7 =$ _____

12. $-2.8 + (-9.9) =$ _____

Examples: Subtract. $-\frac{3}{4} - \frac{2}{3} = -\frac{9}{12} + \left(-\frac{8}{12}\right) = -\frac{17}{12}$
 $58 - (-2.3) = 58 + 2.3 = 60.3$

Subtract.

13. $\frac{7}{10} - \frac{3}{2} =$ _____

14. $-\frac{1}{3} - \frac{1}{6} =$ _____

15. $-\frac{5}{8} - \left(-\frac{2}{3}\right) =$ _____

16. $\frac{5}{12} - \left(-\frac{2}{5}\right) =$ _____

17. $-\frac{3}{7} - \frac{3}{14} =$ _____

18. $-\frac{4}{9} - \left(-\frac{5}{6}\right) =$ _____

19. $6.2 - (12.9) =$ _____

20. $-35 - 15.4 =$ _____

21. $4.9 - 8.5 =$ _____

22. $-10.4 - (-6.6) =$ _____

23. $-6.7 - 2.4 =$ _____

24. $5.8 - (-2.8) =$ _____

EXTRA PRACTICE 5 (continued)**Addition, Subtraction, Multiplication, and Division of Real Numbers****Use after Sections 1.3 - 1.6**

Examples: Multiply. $-\frac{3}{4} \cdot \left(\frac{2}{3}\right) = -\frac{1}{2}$
 $(-4.2) \cdot (-38) = 1596$

Multiply.

25. $\frac{3}{5} \cdot \left(-\frac{10}{9}\right) =$ _____

26. $-\frac{7}{8} \cdot \frac{12}{5} =$ _____

27. $-\frac{5}{8} \cdot \left(-\frac{16}{25}\right) =$ _____

28. $\frac{3}{10} \cdot \left(-\frac{20}{21}\right) =$ _____

29. $-\frac{12}{5} \cdot \frac{20}{3} =$ _____

30. $-\frac{5}{9} \cdot \left(-\frac{18}{35}\right) =$ _____

31. $(0.2) \cdot (-0.3) =$ _____

32. $(-2.3) \cdot (31) =$ _____

33. $(-5.6) \cdot (-4.1) =$ _____

34. $(13) \cdot (-6.2) =$ _____

35. $(-12) \cdot (2.4) =$ _____

36. $(-31) \cdot (-8.8) =$ _____

Examples: Divide. $-\frac{3}{4} \div -\frac{2}{3} = -\frac{3}{4} \cdot \left(-\frac{3}{2}\right) = \frac{9}{8}$
 $-6.9 \div 2.3 = -3$

Divide.

37. $\frac{7}{8} \div \left(-\frac{3}{16}\right) =$ _____

38. $-\frac{7}{9} \div \frac{28}{27} =$ _____

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

40. $\frac{8}{9} \div \left(-\frac{16}{15}\right) =$ _____

41. $-\frac{1}{3} \div \frac{1}{3} =$ _____

42. $-\frac{3}{7} \div \left(-\frac{9}{14}\right) =$ _____

43. $14.7 \div (-2.1) =$ _____

44. $-88 \div 2.2 =$ _____

45. $-16.5 \div (-33) =$ _____

46. $121 \div (-11) =$ _____

47. $-256 \div 16 =$ _____

48. $-18.9 \div 6.3 =$ _____