EXTRA PRACTICE 36
Addition, Subtraction, Multiplication and Division of Real Numbers
Use after Sections 10.2 - 10.5 **Name**_____

EXAMPLES: Add. $-\frac{3}{4}+\frac{2}{3}=-\frac{9}{12}+\frac{8}{12}=-\frac{1}{12}$

$4.3+(-6.2)=-1.9$

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. $-5.6+(-4.3)=$ _____
10. $12.7+(-15.4)=$ _____
11. $-4.9+8.7=$ _____
12. $-2.8+(-9.9)=$ _____

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

$5.8-(-2.3)=5.8+2.3=8.1$

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. $-3.5-15.4=$ _____
21. $4.9-8.5=$ _____
22. $-10.4-(-6.6)=$ _____
23. $-6.7-2.4=$ _____
24. $5.8-(-2.8)=$ _____

EXTRA PRACTICE 36 (continued)
Addition, Subtraction, Multiplication, and Division of Real Numbers
Use after Sections 10.2 - 10.5

EXAMPLES: Multiply. $-\frac{3}{4}\cdot\left(\frac{2}{3}\right)=-\frac{1}{2}$

$(-4.2)\cdot(-3.8)=15.96$

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. $(-2.3)\cdot(3.1)=$ _____

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

34. $(1.3)\cdot(-6.2)=$ _____

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

36. $(-3.1)\cdot(-8.8)=$ _____

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

$-6.9\div2.3=-3$

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. $-8.8\div2.2=$ _____

45. $-16.5\div(-3.3)=$ _____

46. $12.1\div(-1.1)=$ _____

47. $-2.56\div1.6=$ _____

48. $-18.9\div6.3=$ _____