

EXTRA PRACTICE 2
Multiplication and Division of Real Numbers
Use after Section R.2

Name _____

Examples: Multiply.

a) $5 \cdot 6 = 30$

$-5 \cdot 6 = -30$

b) $5 \cdot (-6) = -30$

$-5 \cdot (-6) = 30$

c) $-\frac{5}{8} \cdot \left(\frac{2}{3}\right) = -\frac{10}{24} = -\frac{5}{12}$
 $(-35) \cdot (-7.9) = 2765$

Multiply.

1. $-7 \cdot 3 =$ _____

3. $-11 \cdot 4 =$ _____

5. $16 \cdot (-4) =$ _____

7. $-21 \cdot 5 =$ _____

9. $-6 \cdot 5 =$ _____

11. $-8 \cdot (-13) =$ _____

13. $-19 \cdot 5 =$ _____

15. $16 \cdot (-9) =$ _____

17. $4 \cdot (-12) =$ _____

19. $-3 \cdot (-27) =$ _____

21. $-19 \cdot (-3) =$ _____

23. $17 \cdot (-5) =$ _____

25. $\frac{2}{3} \cdot \left(-\frac{6}{7}\right) =$ _____

27. $-\frac{4}{5} \cdot \left(-\frac{15}{16}\right) =$ _____

29. $-\frac{16}{3} \cdot \frac{9}{8} =$ _____

31. $(08) \cdot (-0.9) =$ _____

33. $-9 \cdot (-7.3) =$ _____

35. $-3.7 \times 6.6 =$ _____

2. $9 \cdot (-8) =$ _____

4. $-7 \cdot (-4) =$ _____

6. $-13 \cdot (-11) =$ _____

8. $10 \cdot (-2) =$ _____

10. $20 \cdot (-9) =$ _____

12. $-3 \cdot (-11) =$ _____

14. $-15 \cdot 12 =$ _____

16. $-7 \cdot (-15) =$ _____

18. $-9 \cdot 12 =$ _____

20. $15 \cdot (-8) =$ _____

22. $-15 \cdot (-9) =$ _____

24. $-24 \cdot 7 =$ _____

26. $-\frac{5}{8} \cdot \frac{10}{9} =$ _____

28. $\frac{7}{10} \cdot \left(-\frac{5}{14}\right) =$ _____

30. $-\frac{3}{4} \cdot \left(-\frac{16}{27}\right) =$ _____

32. $-4.5 \times 6.8 =$ _____

34. $(15) \cdot (-58) =$ _____

36. $(-8.3) \cdot (-4.6) =$ _____

EXTRA PRACTICE 2 (continued)
Multiplication and Division of Real Numbers
Use after Section R.2

Examples: Divide.

a) $15 \div 3 = 5$ b) $15 \div (-3) = -5$ c) $-\frac{7}{8} \div \left(-\frac{3}{2}\right) = -\frac{7}{8} \cdot \left(-\frac{2}{3}\right) = \frac{14}{24} = \frac{7}{12}$
 $-15 \div 3 = -5$ $-15 \div (-3) = 5$ $-8.4 \div 2.1 = -4$

Divide.

37. $75 \div 5 =$ _____ 38. $-78 \div 3 =$ _____
39. $413 \div (-7) =$ _____ 40. $-300 \div (-12) =$ _____
41. $-126 \div 21 =$ _____ 42. $-595 \div (-5) =$ _____
43. $270 \div (-15) =$ _____ 44. $-156 \div 26 =$ _____
45. $275 \div (-11) =$ _____ 46. $-270 \div (-30) =$ _____
47. $-95 \div 19 =$ _____ 48. $-168 \div (-14) =$ _____
49. $-576 \div 32 =$ _____ 50. $39 \div 13 =$ _____
51. $-198 \div (-18) =$ _____ 52. $320 \div (-16) =$ _____
53. $-384 \div 24 =$ _____ 54. $-152 \div 19 =$ _____
55. $-336 \div (-21) =$ _____ 56. $-195 \div 13 =$ _____
57. $-288 \div (-9) =$ _____ 58. $-160 \div (-32) =$ _____
59. $-135 \div 15 =$ _____ 60. $-153 \div (-51) =$ _____
61. $\frac{3}{4} \div \left(-\frac{5}{2}\right) =$ _____ 62. $-\frac{5}{8} \div \frac{9}{16} =$ _____
63. $-\frac{8}{9} \div \left(-\frac{2}{27}\right) =$ _____ 64. $\frac{5}{7} \div \left(-\frac{10}{21}\right) =$ _____
65. $-\frac{5}{4} \div \frac{5}{4} =$ _____ 66. $-\frac{2}{3} \div \left(-\frac{8}{9}\right) =$ _____
67. $155 \div 31 =$ _____ 68. $-9.9 \div 33 =$ _____
69. $-215 \div (-4.3) =$ _____ 70. $14.4 \div (-12) =$ _____
71. $-5234 \div (05) =$ _____ 72. $-3484 \div 6.7 =$ _____