

**Corrective Assignment**

Evaluate each expression. Reduce fractions when possible. Leave as improper fractions.			
1. $10 \cdot 9$	2. $-10 \cdot 7$	3. $9(-6)$	4. $-12(-5)$
5. $14 \div 7$	6. $-52 \div 13$	7. $3 \div (-6)$	8. $\frac{-40}{-5}$
9. $18.3 \cdot 6.7$	10. $-15 \cdot 3.5$	11. $12.8(-9.4)$	12. $-4.5(-7.5)$
13. $5.8 \div 9.3$	14. $\frac{-13.4}{8.8}$	15. $2.1 \div (-1.4)$	16. $\frac{-14}{-4.6}$
17. $\frac{7}{3} \cdot \frac{2}{5}$	18. $-\frac{8}{3} \cdot \frac{2}{5}$	19. $\frac{3}{4} \left(-\frac{2}{7}\right)$	20. $-\frac{1}{2} \left(-\frac{7}{9}\right)$
21. $\frac{3}{2} \div \frac{1}{3}$	22. $-\frac{7}{8} \div \frac{5}{3}$	23. $\frac{7}{4} \div \left(-\frac{2}{3}\right)$	24. $-\frac{3}{5} \div \left(-\frac{5}{2}\right)$
25. $3 \cdot \frac{2}{3}$	26. $-\frac{8}{9} \cdot 5$	27. $6 \left(-\frac{2}{5}\right)$	28. $-4 \left(-\frac{3}{2}\right)$
29. $4 \div \frac{1}{3}$	30. $-\frac{2}{7} \div 4$	31. $8 \div \left(-\frac{2}{5}\right)$	32. $-\frac{3}{4} \div (-7)$

33. $4 3(-5) $	34. $2 -5(7) $	35. $3\left \frac{10}{2}\right $	36. $10\left \frac{24}{-4}\right $
37. $4\sqrt{16-12}$	38. $9\sqrt{30+6}$	39. $8\sqrt{11-2}$	40. $6\sqrt{-5+30}$

Circle the correct property.								
41. $3 \cdot 8 = 6 \cdot 4$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	42. $8 \cdot (1 \cdot 5) = (8 \cdot 1) \cdot 5$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	43. $9 \div 7 = 7 \div 9$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither
44. $15(2) = (2)15$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	45. $2(4 \div 1) = 2(4) \div 2(1)$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	46. $(3 \cdot 5) \cdot 1 = 3 \cdot (5 \cdot 1)$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither
47. $ab = ba$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	48. $(xy)z = x(yz)$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	49. $(ab)c = abc$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither
50. $2(x + y) = 2x + 2y$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	51. $x \cdot 4 = 4 \cdot x$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither	52. $d \cdot (2 \cdot r) = (d \cdot 2) \cdot r$ Commutative Property of Multiplication	Associative Property of Multiplication	Neither

## Answers to Corrective Assignment 2.3

1. 90	2. -70	3. -54	4. 60	5. 2
6. -4	7. $-\frac{1}{2}$	8. 8	9. 122.61	10. -52.5
11. -120.32	12. 33.75	13. 0.623 ...	14. $-1.5\overline{227}$	15. -1.5
16. 3.043 ...	17. $\frac{14}{15}$	18. $-\frac{16}{15}$	19. $-\frac{3}{14}$	20. $\frac{7}{18}$
21. $\frac{9}{2}$	22. $-\frac{21}{40}$	23. $-\frac{21}{8}$	24. $\frac{6}{25}$	25. 2
26. $-\frac{40}{9}$	27. $-\frac{12}{5}$	28. 6	29. 12	30. $-\frac{1}{14}$
31. -20	32. $\frac{3}{28}$	33. 60	34. 70	35. 15
36. 60	37. 8	38. 54	39. 24	40. 30
41. Neither	42. Associative Property of Multiplication		43. Neither	
44. Commutative Property of Multiplication	45. Neither		46. Associative Property of Multiplication	
47. Commutative Property of Multiplication	48. Associative Property of Multiplication		49. Neither	
50. Neither	51. Commutative Property of Multiplication		52. Associative Property of Multiplication	