4.5 MULTIPLICATION OF INTEGERS

A. Find the product of each of the following.

1. (+7)(+9) **+63** 2. (+8)(+6) **+48** 3. (+6)(0) **0** 4. (+3)(+3) **+9**

5. (−2)(+4) **−8** 6. (−5)(+9) **−45** 7. (+9)(+2) **+18** 8. (−8)(0) **0**

9. (+2)(−7) **−14** 10. (−4)(−5) **+20** 11. (−5)(+1) **−5** 12. (+7)(−6) **−42**

13. (−9)(−8) **+72** 14. (+5)(0) **0** 15. (+3)(−4) **−12** 16. (−12)(−7) **+84**

17. (−15)(+8) **−120** 18. (+19)(−10) **−190** 19. (−20)(+9) **−180** 20. (−17)(+5) **−85**

21. (+25)(+3) **+75** 22. (−14)(−2) **+28** 23. (+16)(−4) **−64** 24. (−18)(+6) **−108**

25. (−23)(−8) **+184** 26. (+42)(+8) **+336** 27. (−15)(−5) **+75** 28. (−12)(+6) **−72**

29. (+10)(−7) **−70** 30. (−11)(−6) **+66** 31. (−43)(+20) **−860** 32. (−25)(−16) **+400**

33. (+15)(+18) **+270** 34. (+17)(−23) **−391** 35. (−19)(−35) **+665** 36. (−13)(+14) **−182**

37. (+14)(+17) **+238** 38. (−22)(+50) **−1100** 39. (+33)(−30) **−990** 40. (−50)(+20) **−1000**

41. (+46)(−72) **−3312** 42. (−15)(+62) **−930** 43. (+35)(−15) **−525** 44. (−70)(−18) **+1260**

45. (−80)(+9) **−720** 46. (−9)(+3) **−27** 47. (+12)(−9) **−108** 48. (−14)(+8) **−112**

49. (+7)(+4) **+28** 50. (−8)(+5) **−40** 51. (−16)(+7) **−112** 52. (−15)(+9) **−135**

53. (−20)(−3) **+60** 54. (+30)(+6) **+180** 55. (−21)(+16) **−336** 56. (−14)(−10) **+140**

57. (−15)(+15) **−225** 58. (+17)(−17) **−289** 59. (−12)(−12) **+144** 60. (+13)(+13) **+169**

B. Complete the following.

1. A positive times a positive = __pos__ and a negative times a negative = __pos__

2. A positive times a negative = __neg__ and a negative times a positive = __neg__

3. When multiplying and the signs are the same, the answer is always __pos__

4. When multiplying and the signs are different, the answer is always __neg__