**Section 4.3 Practice B and C Answers**

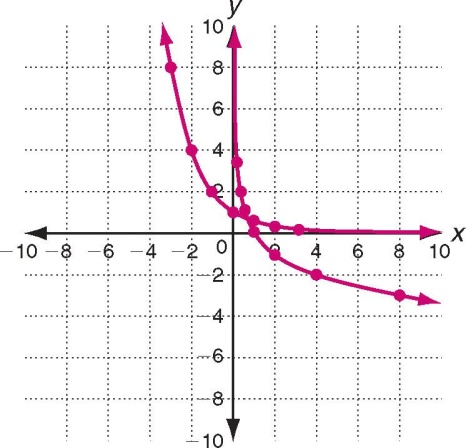
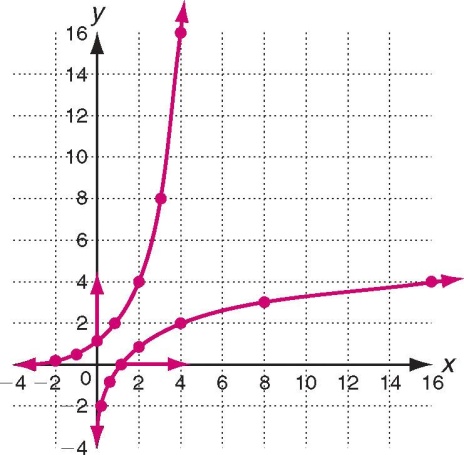
Practice B)

1. log3 2187  7 2. log12 144  2 3. log5 125  3 4. 105  100,000

5. 45  1024 6. 93  729 7. 6 8. 1

9. 0 10. 2 11. 0 12. 4

13. Domain: {x|x  0}; range: all real number 14. Domain: {x|x  0};range: all real numbers



Practice C)

1. log20 8000  3 2. log11 14,641  4 3.loga c  b 4. 107  10,000,000

5. 63  216 6. pr  q 7. 0 8. 4

9. 3 10. 5 11. 0 12. 4

13. Domain: {x|x > 0}; range: all real numbers 14. Domain: {x|x > 0}; range: all real numbers

