**Exercise Set 6.4 (6, 10, 12, 14, 26)**

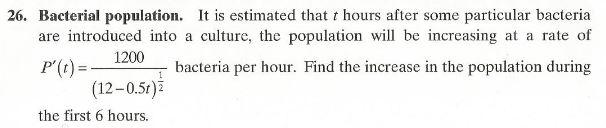
6-14, Find the total area bounded by the x-axis and the curve y = f(x) on the indicated interval.

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.4\6.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.4\10.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.4\12.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.4\14.JPG



**Exercise Set 6.5 (4, 6, 10, 16, 18)**

4-16, Find the area of the region bounded by the graphs of the given equations.

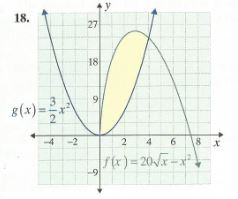
D:\My Documents\1 College\MA312 Calculus II\Week 2\6.5\4.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.5\6.JPG

10.

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.5\16.JPG

For 18, determine the area pictured (check each answer using a graphing utility if possible). Determine the limits of intersection if necessary.



**Exercise Set 6.6 (4, 8, 14, 20, 24, 28)**

4 & 8, verify that the differential equation has the given function as a particular solution.

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\4.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\8.JPG

14, find the solutions of each separable differential equation.

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\14.JPG

20-28, solve each initial-value problem or obtain a general solution as indicated. (refer to table below of solutions in the next if necessary.)

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\20.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\24.JPG

D:\My Documents\1 College\MA312 Calculus II\Week 2\6.6\28.JPG

