1. Problem 6.1.12, Part C
   A. 14      B. 35      C. 65      D. 47      E. Not listed

2. Problem 6.1.16, Part D
   A. $\frac{-9}{4}$  B. $\frac{17}{8}$  C. $\frac{35}{16}$  D. $\frac{-17}{8}$  E. Not listed

3. Problem 6.1.22, Part C

4. Problem 6.1.26
   A. 4136 $cm^2$  B. 3256 $cm^2$
   C. 1030 $cm^2$  D. 5760 $cm^2$
   E. Not listed

5. Problem 6.1.28
   A. $15,000$  B. $8700$  C. $20,700$  D. $775$  E. Not listed

6. Problem 6.1.32
   A. $510.97$  B. $541.02$  C. $618$  D. $551.04$  E. Not listed

7. Problem 6.1.32, use the function in this problem to find the monthly payment on a $35,650 loan at 5.55% for 6 years.
   A. $788.22$  B. $816.52$  C. $583.28$  D. $794.24$  E. Not listed
For problems 8 – 10, find the domain of the function that is given in the problem in the answer bank that is given below.

8. \( f(x, y) = \frac{9x + 4y}{x + 2y} \)

9. \( f(x, y) = \sqrt{x + 2y} \)

10. \( f(x, y) = 2x^3y - x^3 + 2y^2 \)

A. \( \{(x, y) | y \neq \frac{1}{2}x\} \)

B. \( \{(x, y) | y \geq -\frac{1}{2}x\} \)

C. \( \{(x, y) | y \leq \frac{1}{2}x\} \)

D. \( \{(x, y) | y \neq \frac{1}{2}x\} \)

E. \( \{(x, y) | x, y \text{ are real numbers}\} \)