

Practice B

1. $x = 8\sqrt{3}, y = 16$ 2. $x = 5\sqrt{2}, y = 5\sqrt{2}$

3. $x = 7, y = 7\sqrt{2}$ 4. $x = \frac{8\sqrt{3}}{3}, y = \frac{16\sqrt{3}}{3}$

5. $x = \frac{10\sqrt{3}}{3}, y = \frac{20\sqrt{3}}{3}$

6. $x = 13, y = 13\sqrt{2}$ 7. $x = 20\sqrt{3}, y = 40$

8. $x = 9\sqrt{2}, y = 9\sqrt{2}$

9. $x = 5\sqrt{3}, y = 10\sqrt{3}$

Practice C

1. $x = 12, y = 8\sqrt{3}$ 2. $x = 6, y = 6$

3. $x = 3\sqrt{3}, y = 9$ 4. $x = 8, y = 8\sqrt{3}$

5. $x = 24, y = 12\sqrt{3}$ 6. $x = 15\sqrt{2}, y = 15$

7. $x = 10\sqrt{3}, y = 15$ 8. $x = 8, y = 8\sqrt{2}$

9. $x = 4, y = \frac{8\sqrt{3}}{3}$