

$$17. 32\sqrt{7}$$

$$18. -\frac{7\sqrt{2}}{10}$$

$$19. \frac{2\sqrt{15}}{9}$$

$$42. 67 \text{ degrees}$$

$$43. 32, 148, 148$$

$$44. 6\sqrt{3}, 12\sqrt{3}$$

$$45. x = \frac{3}{2}, \frac{3\sqrt{3}}{2}$$

$$46. 9\sqrt{2}$$

$$47. 4 \text{ and } 4\sqrt{2}$$

$$48. 12\pi$$

$$49. 36\pi$$