



Ans 1 er

$$1. x^3 + 6x^2 + 12x + 8$$

$$0. \pi - \frac{25}{4} \quad 25\sqrt{3}$$

$$10. \frac{72}{7}$$

$$12. (a) \frac{1}{5} (b) 0 (c) 1$$

$$4$$

$$15. \frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2}$$

