

1. **Answer: 12**
2. **Answer: 0**
3. **Answer: -18**
4. **Answer: $\frac{9}{2e}$**
5. **Answer: $\frac{1}{3}$**
6. **Answer: 36**
7. **Answer: $\frac{2}{3} - \frac{5}{3^2}$**
8. **Answer: $-\frac{\ln(2)}{3}$**
9. **Answer: $\frac{-1-\sqrt{2}-\sqrt{3}}{2}$**
10. **Answer: $\frac{3}{2} \ln 2 - 1$**