## MATHEMATICS 317 April 2003 Final Exam Answers

1. $x=y^{2}, z=e^{y}$
2. $a=1, b=c=0$
3. $\frac{1}{3}\left[1-\frac{1}{2^{3 / 2}}\right] \approx 0.2155$
4. 3
5. $2 \pi$
6. $4 \pi$
7. $-\pi$
8. (a) True (b) False
