

MATH 140A
Fall 2004
Exam I
September 27, 2004

ANSWERS:

1. E

2. A

3. A

4. D

5. C

6. E

7. A

8. B

9. D

10. E

11. C

12. B

13.

a) T b) F c) F d) T e) F

f) T g) T h) T i) T

14.

At $x = 0$: a jump discontinuity.

At $x = 1$: a removable discontinuity.

At $x = 3$: an infinite discontinuity.

At $x = 4$: no discontinuity - f is continuous here.

At $x = 6$: an infinite discontinuity.

15.

$a = 2, b = -8, c = 2.$