

MA 152 Fall 2000

Exam 1 Answers

1. D

2. A

3. E

4. $\frac{8}{15}$

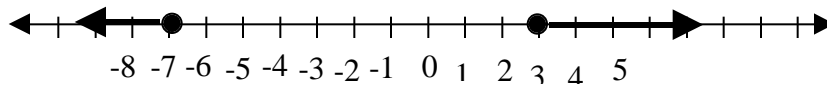
5. (a) $4(2a + 3b)(2a - 3b)$

(b) $x^2(4x + 3)(3x - 1)$

6. 6.4×10^{-15}

7. (a) $x = -7$ or $x = 3$

(b)



8. (a) $\frac{x^3}{5y}$

(b) $\frac{x^8y^{20}}{81}$

9. first odd integer = 29

second odd integer = 31

10. length = 11 inches

width = 2.5 inches