

MA 152 Spring 2000

Exam 1 Answers

1. B
2. A
3. C
4. a) $\frac{703w}{h^2}$
b) $38.4 \frac{\text{lbs.}}{\text{in}^2}$
5. a) $\frac{16x^6}{9z^{18}}$
b) $\frac{k^2}{h^3t^2}$
6. a) $\frac{11x - 15}{(x - 3)(x + 3)}$
b) $\frac{x}{3x - 1}$
7. a) $3(2x + 3)(x - 5)$
b) $(y - 2)(y + 2)(y + 3)$
8. length = 28 ft.
width = 15.5 ft.
9. 105 kg
10. 18