

MA 152 Exam 2 Answers
Fall 2000

1. $x = 5$

2. $x = -\frac{1}{3}, x = 2$

3. Advertised price = \$10,453

4. $\frac{x(x+3)}{x-5}$

5. $x = \frac{4 \pm \sqrt{31}}{5}$ or $x = \frac{4}{5} \pm \frac{\sqrt{31}}{5}$

6. $\frac{2}{b}$

7. No Solution

8. $x = 3, y = -2$

9. 213 children

10. rate of airplane = 455 mph
distance from A to B = 2340 miles