

MA 152 Spring 2001  
Exam 1 Answers

1. E (LCM = 6,120)

2. A

3. D

4. 41.6

5.  $1.5 \times 10^{24}$

6.  $x < -\frac{11}{2}$  or  $x > \frac{1}{2}$

7. (a)  $\frac{16y^{20}}{x^{12}}$       (b)  $\frac{b^5}{a^5}$

8. (a)  $x(4x+1)(2x-3)$

(b)  $(x+5)(2x+3y)(2x-3y)$

9. 63 pieces

10.  $3x^2 + \frac{9}{8}x^2$