

Name: _____

Math 80 Review Quiz

April 10, 2006

- Write 40 as the product of prime factors.
- Turn the following into an equation:
 - 2 subtracted from the sum of a number and 3 is 6.
 - 45% of a number is 7.
- What is $\frac{2}{5} + \frac{6}{7}$ in lowest terms?
- What is $\frac{7}{12} \div \frac{3}{4}$ in lowest terms?
- Evaluate $-2 \cdot 5 - 3(11 - 3^2)$.
- Find the value of the algebraic expression $5x^2 - 3x$ when $x = -2$.
- Is $k=2$ a solution of $4k - 12$?
7. $-|2 - 5| + |7 - 1| = ?$
- Simplify $4x^2 - 8x + 3x(x - 1)$.
- Solve $x + 4 = -9$.
- Solve $5x - 3 = 12$.
- Solve $9(r + 1) - 2r - 5 = 4r + 8 - r$.
- Solve $\frac{m}{3} + 6 = 11$.