Review 2

CM/M12

1. Simplify

$$\left(\frac{3x^2}{6x^5y^{-2}}\right)^{-3}$$

2. Solve for x.

$$3(x + 2) - 4(3x - 7) = 16$$

3. Solve

$$4|x - 3| = 7$$

4. Solve

$$3(x - 2) \leq 18$$

5. Peter's average on his first 3 exams was 80. What will be his average if he get 92 on his next exam?

6. In Store S, Isabelle bought a bag for $27, including 8% sales tax. What was the original price?

7. Solve

$$3(x + 2)^2 = 48$$