Review 3
CM/M12

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

2. Solve for x.
$$2(x-2)-3(2x+7)=16$$

3. Solve
$$4|x+2|=10$$

4. Solve
$$3(2x+1)\le 18$$

5. Peter's average on his first 3 exams was 82. What will be his average if he get 94 on his next exam?

6. In Store S, Isabelle bought a bag for $100, including 8% sales tax. What was the original price?

7. Solve
$$3(x-3)^2=12$$