

Show all work!

1. (4 pts) To leave a 15% tip on a \$15 bill, what total amount should be paid?

2. (4 pts) Solve  $|x - 5| = |x + 4|$ .

3. (8 pts) Solve and graph:

a)  $\frac{x}{6} - 1 \leq \frac{x}{4}$ .

b)  $-10 \leq 4 - 7x < 10$ .

4. (4 pts) Solve  $\left| \frac{2x - 4}{5} \right| - 9 \leq 3$ .