1)
$$-2(2x-3) \ge -10$$

2)
$$3x + 8 < 44$$

3)
$$\frac{1}{4}x - \frac{2}{3} \le \frac{3}{4}$$

4)
$$-\frac{1}{5}x + \frac{2}{3} > \frac{3}{5}$$

5) Write and solve an inequality for the following situation: Sam is saving money for a car. He has \$2500 already saved. If he can save \$300 per month. How many months will he have to save so that he has at least \$7000.

Given $m \angle ABC = 35^{\circ}$ 6) a) Find its compliment

b) Find its supplement

7) Factor the following expression:

$$24x - 64$$

8)	Factor the expression	below:
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$$12x + 18$$

9) Explain how you could determine whether the following three lengths make up a triangle: **8**, **20**, **13**

10) Find the volume of a cube whose lengths are 5cm.