

## **4.55** – Using a Graphing Calculator

Convert the following into fractions.

1)  $.3125$

2)  $.28125$

3)  $.\overline{95}$

4)  $.\overline{56}$

5)  $.\overline{983}$

Evaluation the following roots or powers.

6)  $7^5$

7)  $\sqrt{361}$

8)  $\sqrt[3]{729}$

9)  $\sqrt[5]{7776}$

10)  $(\sqrt[4]{4096})^3$

Find the sum or difference of the following. Leave answer as an improper fraction.

11)  $3\frac{1}{2} + 2\frac{1}{3}$

12)  $3\frac{1}{2} - 2\frac{1}{3}$

13)  $7\frac{1}{2} - 5\frac{1}{6}$

14)  $12\frac{4}{9} + 8\frac{7}{10}$

**Find the GCF of the following**

15) 120 and 210

16) 54 and 144

17) 576 and 180

18) 252 and 270

**Find the LCM of the following**

19) 9 and 12

20) 90 and 108

21) 125 and 500

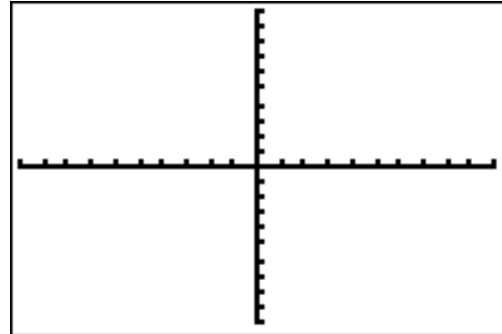
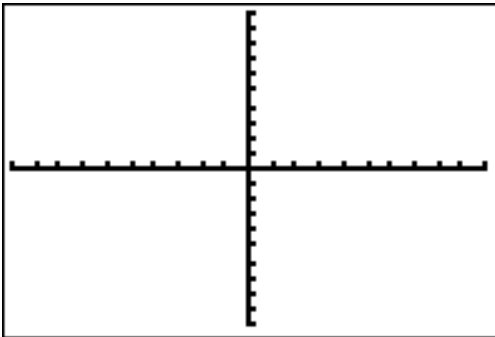
22) 160 and 432

**Quick sketch the following after graphing it on your calculator**

23)  $y = -3x + 5$

$y = 2x - 3$

24)  $y < \frac{1}{2}x + 3$



25)  $y = x^2 - x - 6$

