

Term 5

By the end of the term you should be able to complete this skills test

Solve:

$$5x - 6y = 35$$
$$8x - 8y = 40$$

Solve:

$$y = 2x - 8$$
$$-7y + 7x = 7$$

$$y = x^2 + 4x + 1$$
$$y = 7x + 11$$

Plot a cumulative frequency graph for the following:

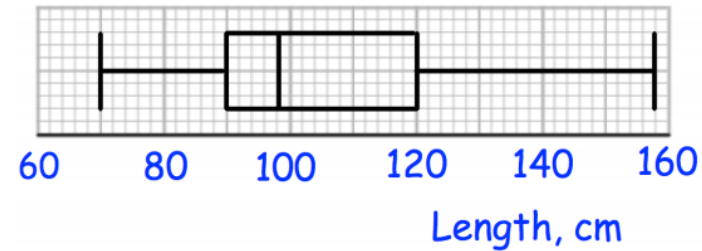
Height(cm)	Frequency
$110 < x \leq 120$	4
$120 < x \leq 130$	11
$130 < x \leq 140$	12
$140 < x \leq 150$	14
$150 < x \leq 160$	10
$160 < x \leq 170$	5

Find the median and interquartile range from the graph

Draw a box plot for the following information:

Lowest Value	23
Lower Quartile	30
Median	32
Upper Quartile	34
Highest Value	45

Complete the table from the following box plot:



Lowest Value	
Lower Quartile	
Median	
Upper Quartile	
Highest Value	

Complete the table and draw a histogram for the following information:

Height (cm)	Frequency	Frequency Density
$140 < x \leq 150$		2.6
$150 < x \leq 165$		1.2
$165 < x \leq 170$		4.2
$170 < x \leq 185$	27	

Draw the frequency table for the following histogram:

