

Y10 Foundation Maths Weekly Task Grid – Week commencing 29nd June

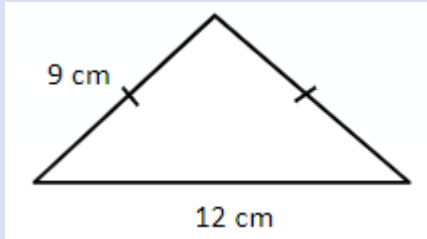
This week's topic focus is **Frequency Polygons**

Please complete all 4 tasks.

Starter:

Quick 10 (non-calc):

- 1) Write down the factors of 50
- 2) Write in figures 'ninety thousand, seven hundred and ninety-five'
- 3) Work out $542 + 458$
- 4) Work out $501 - 246$
- 5) Work out 63×8
- 6) Work out 4020×100
- 7) Simplify $4a + a - 3a$
- 8) Solve $5x = 60$
- 9) Find the median value: 22, 35, 15, 56, 42, 18, 21
- 10) Work out the perimeter of



Video on how to do it

Try to attend the zoom lesson first...

You can choose which video you want to watch to refresh your memory on how to do frequency polygons

[Video – frequency polygon](#)

Or

Video maths genie

[video – frequency polygons](#)

Practice Questions

You can choose which questions you want to use to practice **Frequency Polygons**. The links to the answers are also provided so you can check them when you are finished.

[frequency polygons](#)

Answers to check – frequency polygon [answers](#)

Or

Frequency Polygons- MyMaths - Log on with the details attached on show my homework and complete activity on Two Way Tables

Exam Question Practice: Foundation

Show any working out

1)

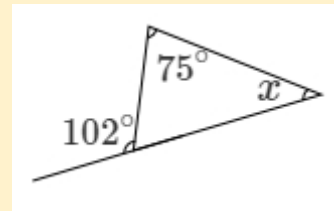
(a) Estimate 127×169 .

(b) Estimate $161 \times 108 \times 109$.

(c) Estimate $\frac{0.52}{1.43+15.9}$.

2)

Find x

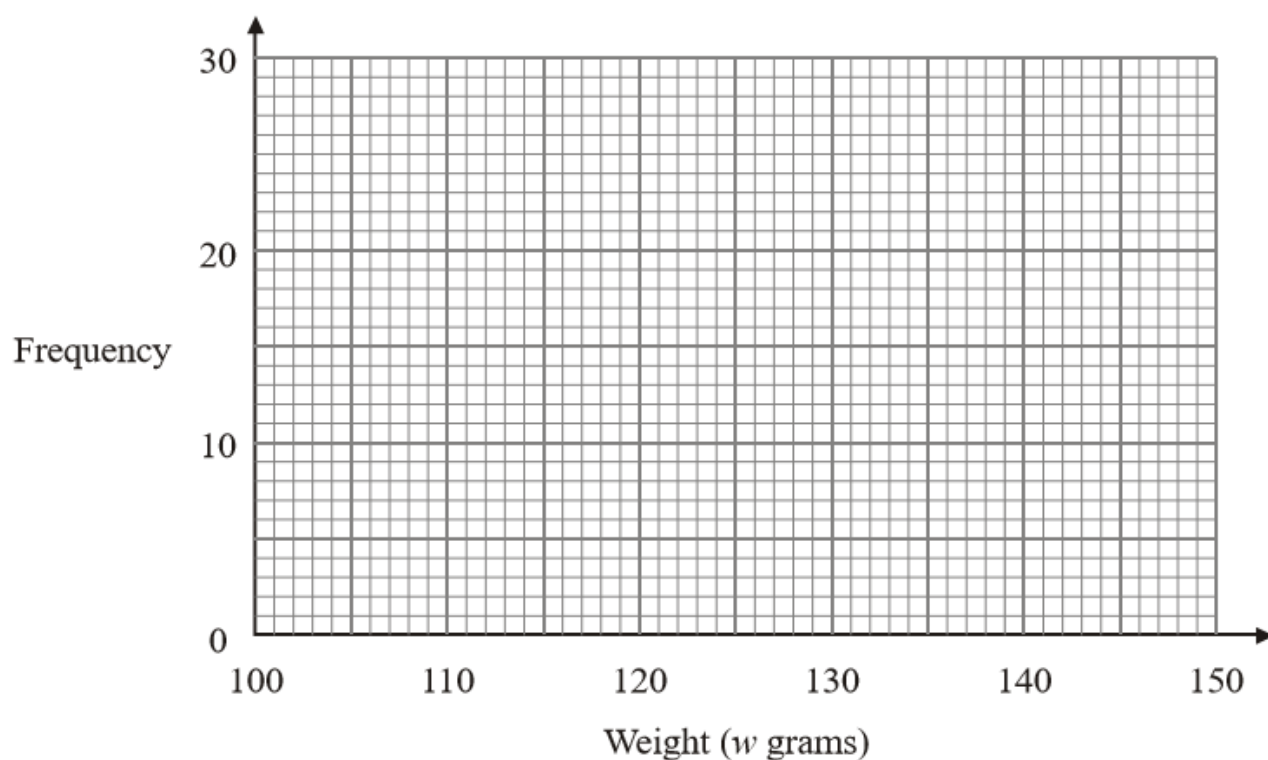


On the next page is an exam questions based on Tree Diagrams, if you are struggling try to complete the tree at least

4. The table shows some information about the weights (w grams) of 60 apples.

Weight (w grams)	Frequency
$100 \leq w < 110$	5
$110 \leq w < 120$	9
$120 \leq w < 130$	14
$130 \leq w < 140$	24
$140 \leq w < 150$	8

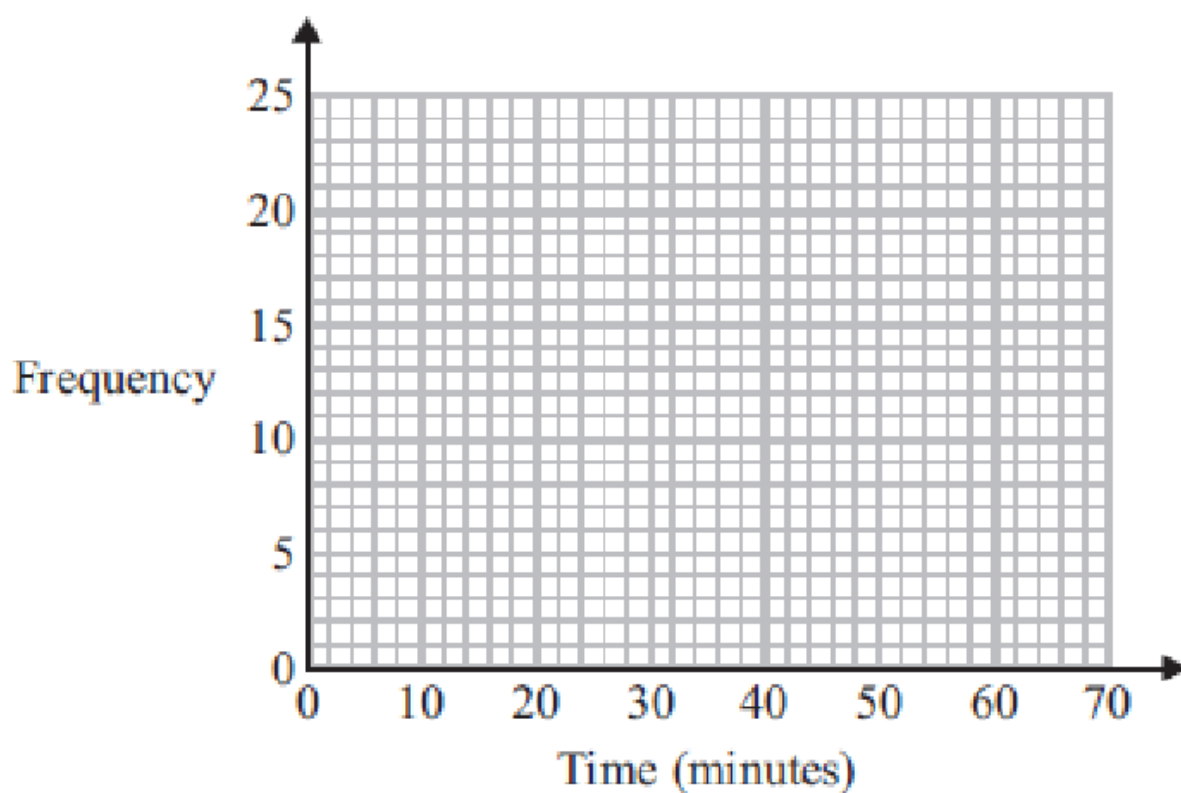
Draw a frequency polygon to show this information.



5. The frequency table gives information about the times it took some office workers to get to the office one day.

Time (t minutes)	Frequency
$0 < t \leq 10$	4
$10 < t \leq 20$	8
$20 < t \leq 30$	14
$30 < t \leq 40$	16
$40 < t \leq 50$	6
$50 < t \leq 60$	2

- (a) Draw a frequency polygon for this information.



- (b) Write down the modal class interval.

.....
(1)

One of the office workers is chosen at random.

- (c) Work out the probability that this office worker took more than 40 minutes to get to the office.

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(2)