

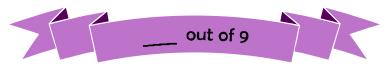


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•		
1) 2.4 + 3.8 + 6.3	2) Order from least to greatest: 0.65, 0.506, 0.56, 0.065, 0.06, 0.605.	3) 56 ÷ 7
4) 2.6 × 8	5) 76 – 38	6) Order from least to greatest: 8, -3, 5, -9, 0, -7.
7) 2 ÷ 4	8) 12 – –4	9) Which number is largest? 0.002, 0.0202, 0.0202, 0.02020.











Calculate the median, mode, mean and range of the following data set. 17, 14, 11, 18, 19, 13, 17, 12.

Re-arrange the numbers:

11, 12, 13, 14, 17, 17, 18, 19.

The median is 15.5

14+17=3

31 +2 = 15,5

The mode is 17.

17 is the most popular number in the data

The total of the numbers is 121.

The mean is 121:8 = 15.125

Total - Number of data items

The range is 19-11=8

Greatest - Least





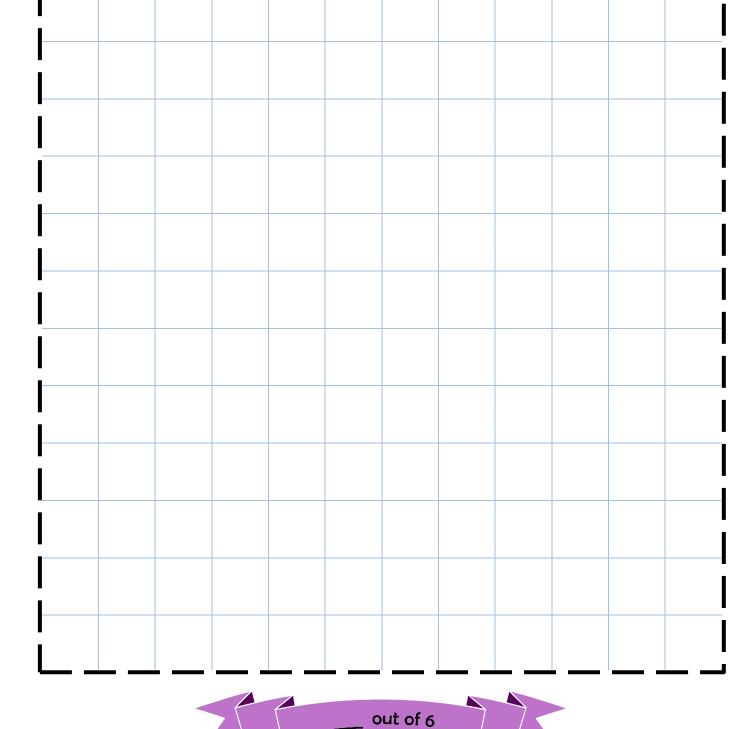








Calculate the median, mode, mean and range of the following data set. 24, 27, 25, 28, 21, 26, 27, 23, 25, 27.







1)	T	ne	m	ode	e of	
2	Δ	Δ	5	6	Q	

2) The mode of 2, 4, 4, 5, 6, 6.

3) The mode of 2, 3, 4, 6, 7, 8.

4) The median of 3, 4, 7, 8, 10.

5) The median of 2, 3, 4, 7, 8, 10.

6) The median of 8, 4, 2, 10, 3, 4.

7) The mean of 3, 2, 9, 1, 5.

8) The mean of

3, 2, 9, 1.

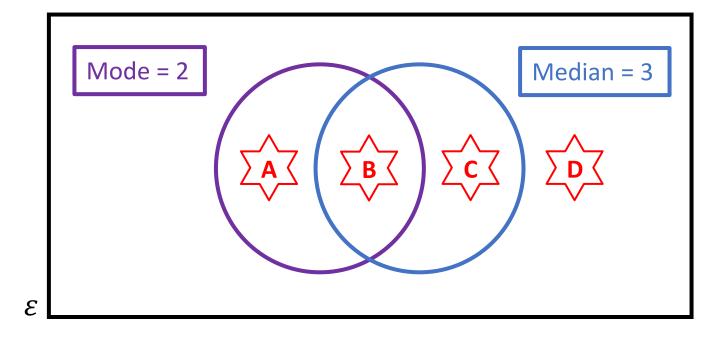
9) The mean of−14, −10.

__ out of 9









Think of **3** numbers that could belong to each region. If you think a region is impossible to fill, explain why!

∑ A ✓	
B	
$\sum_{\mathbf{c}}$	



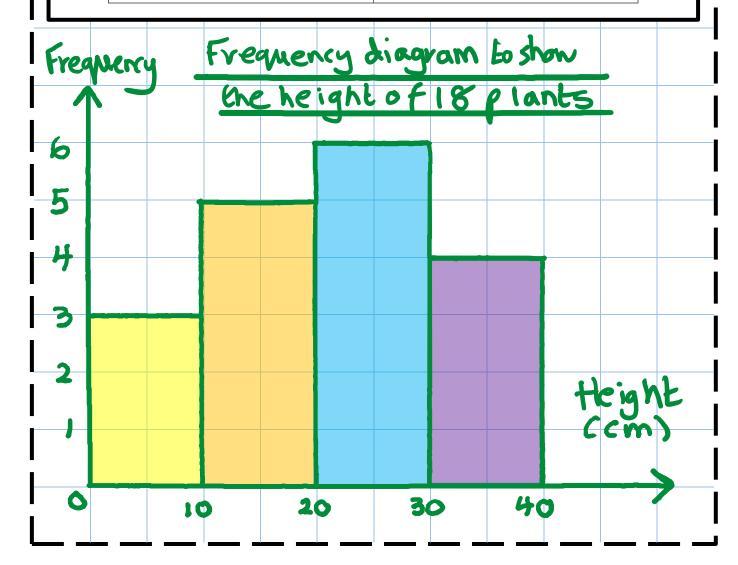


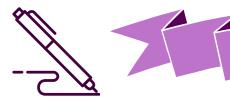




Draw a frequency diagram for the following data that shows the height of 18 plants.

Height, h cm	Frequency
0 ≤ <i>h</i> < 10	3
10 ≤ <i>h</i> < 20	5
20 ≤ <i>h</i> < 30	6
30 ≤ <i>h</i> < 40	4

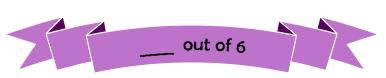






Draw a frequency diagram for the following data that shows the height of 18 plants.

Height, h cm	Frequency
0 ≤ <i>h</i> < 10	5
10 ≤ <i>h</i> < 20	4
20 ≤ <i>h</i> < 30	6
30 ≤ <i>h</i> < 40	3









1) What is the
mid-point of the
class

$$0 \le x < 10$$
?

$$5 \le x < 10$$
?

$$-10 \leqslant x < 10$$
?

6) The range of

7)
$$\frac{1}{2}$$
 of 70.

8)
$$\frac{1}{4}$$
 of 70.

9)
$$\frac{3}{4}$$
 of 70.

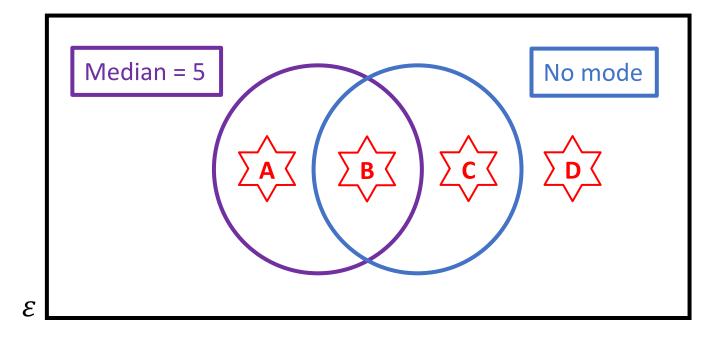


out of 9









Think of 4 numbers that could belong to each region. If you think a region is impossible to fill, explain why!

∑ A ✓	
B	
$\sum_{\mathbf{c}}$	









Calculate an estimate for the mean height of the following plants.

Height, h cm	Frequency
0 ≤ <i>h</i> < 10	3
10 ≤ <i>h</i> < 20	5
20 ≤ <i>h</i> < 30	6
30 ≤ <i>h</i> < 40	4

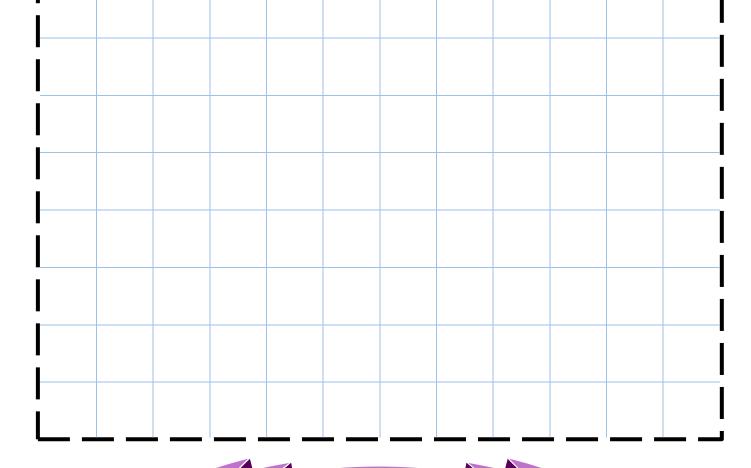
Hei	ght,	h c	m	Frequ	ency	Nid	-poin	٢	Μν	utip	y
	< h	<1	0	3			5			1	5
10	< h	< 2	0	5		S	5			7	5
20	< h	< 3	0	6		2	5		1	5	0
30	≤ h	< 4	0	4		3	5	A	1	4	0
Divid	le by t		کر ا	8		olliply	, T		3	8	0
1 Corpar	remie	SINOT	of clas	sses	رهع	mid-	point		J	ı	
			J	= 2	1.	cm					
 				= 2	1.1	cm	- to	one	ecin	nal p	bce





Calculate an estimate for the mean height of the following plants.

Height <i>, h</i> cm	Frequency
10 ≤ <i>h</i> < 20	3
20 ≤ <i>h</i> < 30	5
30 ≤ <i>h</i> < 40	11
40 ≤ <i>h</i> < 50	1



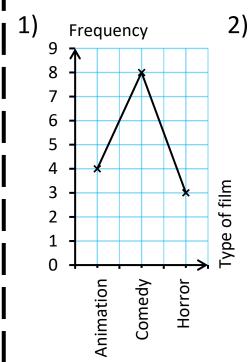
out of 4

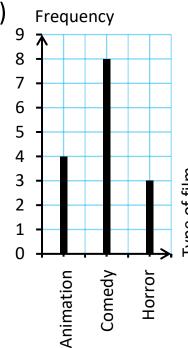


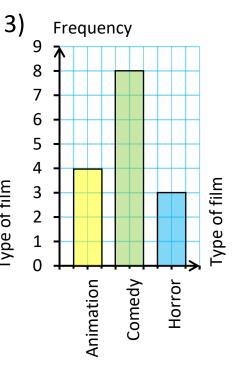




What type of graphs/charts/diagrams are these?







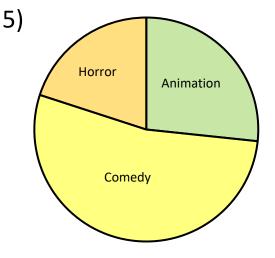
Pictogram to show the favourite film genre of 15 people

Animation

Comedy

Horror

Key: = 2 people



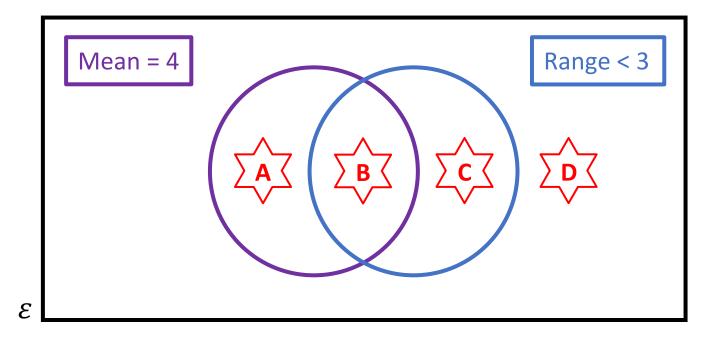


4)



Venn Diagram Challenge 3





Think of **5** numbers that could belong to each region. If you think a region is impossible to fill, explain why!

∑ A ✓	
B	
$\sum_{\mathbf{c}}$	

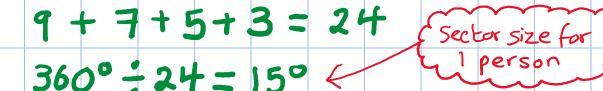






Draw a pie chart for the following data showing the favourite colour for class 10R.

Colour	Frequency
Red	9
Blue	7
Green	5
Yellow	3



Drawusing a protractor

and ruler

101

Piecharttoshow
10 R's favourite colour



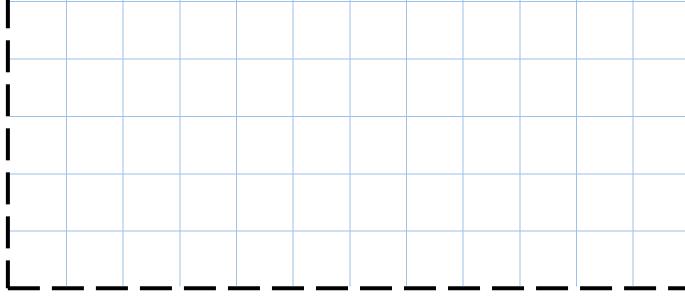




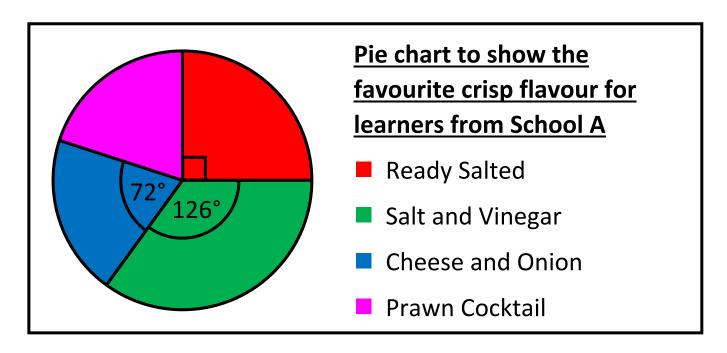


Draw a pie chart for the following data showing the favourite colour for class 10E.

Colour	Frequency
Red	4
Pink	7
Blue	3
Purple	6



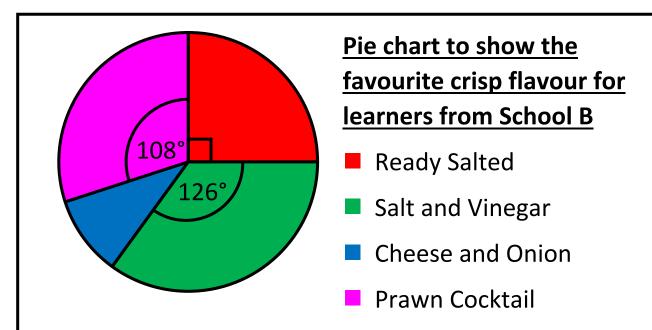




1) Catrin said "More people like prawn cocktail than ready salted". Do you agree with Catrin? Explain your answer.

2) What percentage of all the learners from School A liked prawn cocktail best?

3) 252 learners liked salt and vinegar best. How many learners liked cheese and onion best?



4) Dion said "More people liked cheese and onion in School A than School B". Is Dion correct? Explain your answer.

Evaluating the Workbook Notes



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