

Sierra Leone

WINNING TEAMS: Mathematics

Questions and Answers for Referees

Primary 6 (Term 3) to support JSS1 Term 3

Leh Wi Lan

Theme: Algebra Number Patterns (M-06-046) CODE CC1	Theme: Algebra Number Patterns (M-06-046) CODE CC1																				
Lesson Title: Increasing Numbers with a Common Difference	Lesson Title: Increasing Numbers with a Common Difference																				
<p>Consider the following sequence: 2, 4, 6, 8, __, __</p> <p>a) What is the common difference of the sequence?</p> <p>b) Determine the next two terms of the sequence</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) The common difference is 2.</p> <p>b) The next two terms are: $8 + 2 = 10$ $10 + 2 = 12$ Sequence: 2, 4, 6, 8, 10, 12</p>																				
Theme: Algebra Number Patterns (M-06-046) CODE CC2	Theme: Algebra Number Patterns (M-06-046) CODE CC2																				
Lesson Title: Increasing Numbers with a Common Difference	Lesson Title: Increasing Numbers with a Common Difference																				
<p>Consider the sequence below: 1, 4, 7, 10, ____, ____ .</p> <p>a) Determine the next two terms of the sequence.</p> <p>b) Use the common difference and a table to work out the rule for this sequence.</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) Sequence: 1, 4, 7, 10, 13, 16</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td>n</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>Term x_n</td> <td>1</td> <td>4</td> <td>7</td> <td>10</td> </tr> <tr> <td>Use $3n$</td> <td>3</td> <td>2×3</td> <td>3×3</td> <td>4×3</td> </tr> <tr> <td>Wrong by:</td> <td>-2</td> <td>-2</td> <td>-2</td> <td>-2</td> </tr> </tbody> </table> <p>The rule is $3n - 2$</p>	n	1	2	3	4	Term x_n	1	4	7	10	Use $3n$	3	2×3	3×3	4×3	Wrong by:	-2	-2	-2	-2
n	1	2	3	4																	
Term x_n	1	4	7	10																	
Use $3n$	3	2×3	3×3	4×3																	
Wrong by:	-2	-2	-2	-2																	
Theme: Algebra Number Patterns (M-06-047) CODE CC3	Theme: Algebra Number Patterns (M-06-047) CODE CC3																				
Lesson Title: Increasing Number Patterns Without a Common	Lesson Title: Increasing Number Patterns Without a Common																				
<p>Complete the sequence by finding the next two terms:</p> <p style="text-align: center;">1, 3, 6, 10, ____, ____ .</p> <p style="text-align: right;">2 minutes</p>	<p>Answer</p> <p>The next two terms are 15 and 21</p>																				
Theme: Algebra Number Patterns (M-06-047) CODE CC4	Theme: Algebra Number Patterns (M-06-047) CODE CC4																				
Lesson Title: Increasing Number Patterns Without a Common	Lesson Title: Increasing Number Patterns Without a Common																				
<p>Complete the sequence by finding the next 2 terms:</p> <p style="text-align: center;">6, 8, 12, 20, ____, ____ .</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>The next two terms are 18 and 26</p>																				

Theme: Algebra Number Patterns (M-06-048) CODE CC5	Theme: Algebra Number Patterns (M-06-048) CODE CC5
Lesson Title: Decreasing Number Patterns with a Common	Lesson Title: Decreasing Number Patterns with a Common
<p>Consider the sequence below:</p> <p style="text-align: center;">38, 32, 26, 20, ...</p> <p>a) What is the common difference of the sequence?</p> <p>b) Determine the next three terms of the sequence.</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) Common difference is: -6</p> <p>b) The next three terms are: 14, 8 and 2.</p>
Theme: Algebra Number Patterns (M-06-048) CODE CC6	Theme: Algebra Number Patterns (M-06-048) CODE CC6
Lesson Title: Decreasing Number Patterns with a Common	Lesson Title: Decreasing Number Patterns with a Common
<p>Complete the sequence by subtracting a common difference.</p> <p style="text-align: center;">40, 33, 26, 19, ____, ____.</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>Common difference is: -7</p> <p>Hence: 40, 33, 26, 19, 12, 5.</p>
Theme: Algebra Number Patterns (M-06-049) CODE CC7	Theme: Algebra Number Patterns (M-06-049) CODE CC7
Lesson Title: Decreasing Patterns Without a Common Difference	Lesson Title: Decreasing Patterns Without a Common Difference
<p>Find the next two terms of the sequence.</p> <p style="text-align: center;">53, 52, 49, 44, ____, ____.</p> <p>Does the sequence have a common difference or a common ratio?</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>The next two terms are 37 and 28</p> <p>The difference between terms is -1, then -3, then -5, then -7, then -9.</p> <p>There is no common difference or common ratio.</p>
Theme: Algebra Number Patterns (M-06-050) CODE CC8	Theme: Algebra Number Patterns (M-06-050) CODE CC8
Lesson Title: Multiplication in Patterns with a Common Ratio	Lesson Title: Multiplication in Patterns with a Common Ratio
<p>Consider the sequence below:</p> <p style="text-align: center;">1, 3, 9, 27, ____, ____.</p> <p>What is the common ratio of the sequence?</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>$1 \times 3 = 3$</p> <p>$3 \times 3 = 9$</p> <p>$9 \times 3 = 27$</p> <p>$27 \times 3 = 81$</p> <p>$81 \times 3 = 243$</p> <p>The common ratio is 1 : 3</p>

Theme: Algebra Number Patterns (M-06-046) **CODE CC9**

Lesson Title: Multiplication in Patterns with a Common Ratio

a) Complete the table for this sequence:

4, 7, 10, 13, _____, _____

n	1	2	3	4
Term x_n	4	7	10	13
Use $3n$	3			
Wrong by:				

b) Find the rule for the sequence.

2 minutes

Theme: Algebra Number Patterns (M-06-046) **CODE CC9**

Lesson Title: Multiplication in Patterns with a Common Ratio

Answer:

n	1	2	3	4
Term x_n	4	7	10	13
Use $3n$	3	$2 \times 3 = 6$	$3 \times 3 = 9$	$4 \times 3 = 12$
Wrong by:	+1	+1	+1	+1

The rule is $3n + 1$

Theme: Algebra Number Patterns (M-06-046) **CODE CC10**

Lesson Title: Multiplication in Number Patterns Without a Common

a) Complete the table for this sequence:

2, 5, 8, 11, _____, _____.

n	1	2	3	4
Term x_n				
$3n$				
Wrong by:				

b) Find the rule for the sequence.

Theme: Algebra Number Patterns (M-06-046) **CODE CC10**

Lesson Title: Multiplication in Number Patterns Without a Common

Answer:

n	1	2	3	4
Term x_n	2	5	8	11
$3n$	3	2×3	3×3	4×3
Wrong by:	-1	-1	-1	-1

The rule is $3n - 1$

Theme: Algebra Number Patterns (M-06-051) **CODE CC11**

Lesson Title: Multiplication in Number Patterns Without a Common

Determine the common ratio for the sequence below:

2, 4, 8, 16, 32.

1 minute

Theme: Algebra Number Patterns (M-06-051) **CODE CC11**

Lesson Title: Multiplication in Number Patterns Without a Common

Answer:

2 is the common ratio because we multiply by 2 each time to find the next term.

Theme: Algebra Number Patterns (M-06-052) **CODE CC12**

Lesson Title: Division in Number Patterns with a Common Factor

Find the next term in the sequence below and determine the common ratio.

64, 32, 16, 8, _____.

2 minutes

Theme: Algebra Number Patterns (M-06-052) **CODE CC12**

Lesson Title: Division in Number Patterns with a Common Factor

Answer:

64, 32, 16, 8, 4

$64 \div 2 = 32$ or we can say $64 \times \frac{1}{2} = 32$

$32 \div 2 = 16$

$16 \div 2 = 8$

$8 \div 2 = 4$

Common ratio of $\frac{1}{2}$

a. Complete the table for this sequence:

16, 13, 10, 7, _____, _____

n	1	2	3	4	5
Term x_n	5	9	13	17	21
Use $4n$					
Wrong by:					

b. Find the rule for the sequence.

$2\frac{1}{2}$ minutes

Answer:

n	1	2	3	4	5
Term x_n	5	9	13	17	21
Use $4n$	4	8	12	16	20
Wrong by:	-1	-1	-1	-1	-1

The rule is $4n - 1$

The Wholesome Bakery baked 2 loaves of bread on Monday, 4 loaves of bread on Tuesday, 8 loaves of bread on Wednesday, and 16 loaves of bread on Thursday.

If this pattern continues, how many loaves of bread will they bake on Friday?

2 minutes

Answer:

The sequence is 2, 4, 8, 16, 32

Multiply by 2 to get the next term.

They will bake 32 loaves of bread on Friday.

Mary is sharing cherries among some bowls. She puts 3 cherries in the first bowl, 9 cherries in the second bowl, 27 cherries in the third bowl, 81 cherries in the fourth bowl.

If this pattern continues, how many cherries will Mary put in the fifth bowl?

2 minutes

Answer:

The sequence : 3, 9, 27, 81, _____

Multiply by 3 to get the next term.

Mary will put 243 cherries in the fifth bowl.

Kimberly reads 21 pages on Monday, 26 pages on Tuesday, 31 pages on Wednesday, 36 pages on Thursday.

If this pattern continues, how many pages will Kimberly read on Friday?

2 minutes

Answer:

Sequence: 21, 26, 31, 36, _____

Add 5 each time, so Kimberly will read 41 pages on Friday.

Theme: Algebra Number Patterns (M-06-055) CODE CC17	Theme: Algebra Number Patterns (M-06-055) CODE CC17
Lesson Title: Writing Sequences with Multiples of 4 and 5	Lesson Title Writing Sequences with Multiples of 4 and 5
<p>Nina and her friends went on a road trip. They covered 4 miles on the first day. They went on a 16-mile drive and a 64-mile drive on day 2 and day 3.</p> <p>How many miles did Nina and her friends drive on the 4th day?</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>Sequence: 4, 16, 64, ____</p> <p>Multiply by 4 to get the next term. $64 \times 4 = 256$</p> <p>Nina and her friends covered 256 miles on the 4th day.</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC18	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC18
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>Fill in the blank:</p> <p>The _____ is the value that appears the most frequently in a data set.</p> <p style="text-align: right;">30 seconds</p>	<p>Answer:</p> <p>The mode is the value that appears the most frequently in a data set.</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC19	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC19
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>Fill in the blank:</p> <p>The _____ is the value in the middle of the data set.</p> <p style="text-align: right;">30 seconds</p>	<p>Answer:</p> <p>The median is the value in the middle of the data set.</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC20	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC20
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>Fill in the blank:</p> <p>The _____ is found by adding all numbers in the data set and then dividing by the number of values in the set.</p> <p style="text-align: right;">30 seconds</p>	<p>Answer:</p> <p>The mean is found by adding all numbers in the data set and then dividing by the number of values in the set.</p>

Theme: Statistics and Probability Data Handling(M-06-064) CODE CC21	Theme: Statistics and Probability Data Handling(M-06-064)
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>The number of members in 20 math clubs are given below: 4, 6, 5, 5, 4, 6, 3, 3, 5, 5, 3, 5, 4, 4, 6, 7, 3, 5, 5, 7</p> <p>a) Arrange the data from smallest to biggest.</p> <p>b) What is the minimum value of the data set?</p> <p>c) What is the maximum value of the data set?</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) 3, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5, 5, 5, 5, 5, 6, 6, 6, 7, 7</p> <p>b) The minimum value is: 3</p> <p>c) The maximum value is: 7</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC22	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC22
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>The weekly wages (Le) of 12 factory workers are given below:</p> <p style="text-align: center;">668, 610, 642, 658, 668, 620, 719, 720, 700, 690, 710, 642.</p> <p>a) Find the median for the data.</p> <p>b) Find the mode for the data.</p> <p style="text-align: right;">$1\frac{1}{2}$ minutes</p>	<p>Answer:</p> <p>Smallest to largest: 610, 620, 642, 642, 658, 668, 668, 690, 700, 710, 719, 720.</p> <p>a) Median: $\frac{668+668}{2} = 668$</p> <p>b) Mode: 642 and 668 (bimodal)</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC23	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC23
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>Given below are the maximum temperatures for the first week of the month of September.</p> <p style="text-align: center;">19° 20° 24° 25° 25° 28° 25°</p> <p>Find the median, the mode and the mean for the data</p> <p style="text-align: right;">$2\frac{1}{2}$ minutes</p>	<p>Answer:</p> <p>Smallest to largest: 19°, 20°, 24°, 25°, 25°, 25°, 28°</p> <p>Median: 25°</p> <p>Mode: 25°</p> <p>Mean: $\frac{19^\circ + 20^\circ + 24^\circ + 25^\circ + 25^\circ + 25^\circ + 28^\circ}{7} \approx 23.71^\circ$</p>
Theme: Statistics and Probability Data Handling(M-06-064) CODE CC24	Theme: Statistics and Probability Data Handling(M-06-064) CODE CC24
Lesson title: The Mean, Median, and Mode of Discrete Data	Lesson title: The Mean, Median, and Mode of Discrete Data
<p>Find the median of 7, -4, 9, -7, -2, 5.</p> <p style="text-align: right;">1 minute</p>	<p>Answer:</p> <p>Smallest to largest: -7, -4, -2, 5, 7, 9</p> <p>Median: $\frac{-2+5}{2} = \frac{3}{2} = 1.5$</p>

Fill in the blank:

A _____ is a graphical representation of how continuous data is distributed.

1 minute

Answer:

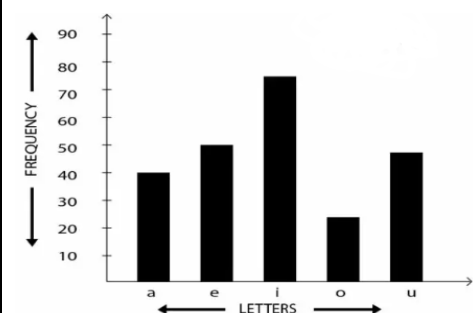
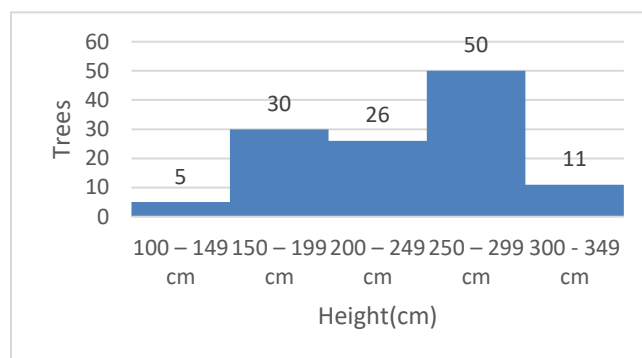
A **histogram** is a graphical representation of how continuous data is distributed.

Use the data provided to draw a **histogram** showing the number of trees of each height in centimetres

Height (cm)	Trees
100 – 149 cm	5
150 – 199 cm	30
200 – 250 cm	26
250 – 299 cm	50
300 - 349 cm	11

3 minutes

Answer:

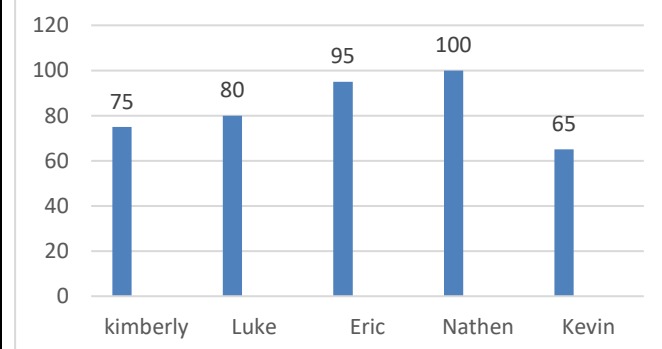


Fatima records the number of vowels in 10 pages of a textbook. Which letter appears the most?

1 minute

Answer:

The letter i appeared the most.



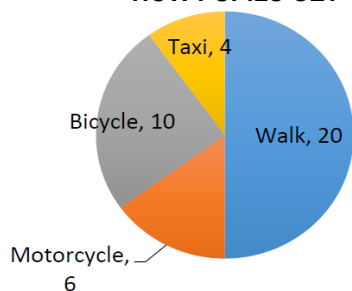
The graph shows the Mathematics marks for 5 children. What is the mean of the data?

1 minute

Answer:

$$\text{Mean} = \frac{75+80+95+100+65}{5} = \mathbf{83}$$

HOW PUPILS GET TO SCHOOL



- a. How many pupils are represented in the data?
- b. What percentage of the pupils walk to school?

2 minutes

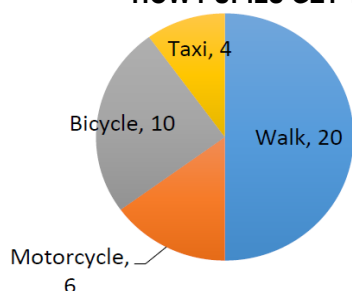
Answer:

a. Total number of pupils = $10 + 6 + 4 + 20 = 40$

b. percentage = $\frac{\text{Number of pupils walking to school}}{\text{Total number of pupils}} \times 100$
 $= \frac{20}{40} \times 100$
 $= 50\%$

50% of the pupils walk to school.

HOW PUPILS GET TO SCHOOL



Which method do 25% of the pupils use to go to school?

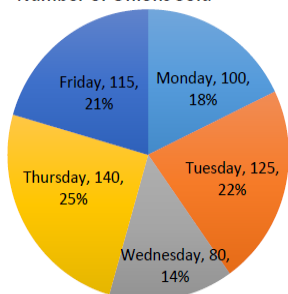
2 minutes

Answer:

25% of the circle = $\frac{1}{4}$ of 40
 $= 25\% \times 40$
 $= 10$

Therefore: 25% of the learners use bicycles to get to school.

Number of Onions Sold



What fraction of the total number of onions sold was sold on Monday?

1 minute

Answer:

Fraction of onions sold on a Monday = 18%

$$= \frac{18}{100} = \frac{18 \div 2}{100 \div 2}$$

$$= \frac{9}{50}$$

The table gives information about the meals ordered on a Sunday at a restaurant.

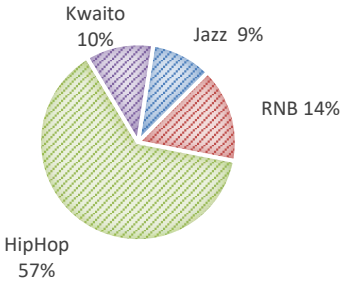
Meal	Frequency
Beef	9
Chicken	14
Pork	57
Sushi	10

- a. How many meals were ordered altogether?
- b. Which meal is the most popular at this restaurant

1 minute

Answer:

- a. 90 meals
- b. Pork is most popular.

Theme: Statistics & Probability; Data Handling (M-06-0126) CODE CC41	Theme: Statistics & Probability; Data Handling (M-06-0126) CODE CC41
Lesson Title: Word Problems Involving Pie Charts	Lesson Title: Word Problems Involving Pie Charts
<p>One hundred and fifty people were asked about their favourite music genre and the following were the results obtained.</p>  <p>How many people like RNB music? $1\frac{1}{2}$ minutes</p>	<p>Answer:</p> $\text{RNB} = \frac{14}{100} \times 150 = 21$ <p>21 people like RNB music</p>
Theme Statistics and Probability; Data Handling (M-06-0127) CODE CC42	Theme Statistics and Probability; Data Handling (M-06-0127) CODE CC42
Lesson Title: Mode of Discrete Data	Lesson Title: Mode of Discrete Data
<p>Consider the discrete data below: 12, 24, 6, 4, 6, 5, 6, 17, 20</p> <p>a) Rearrange the data in order from least to greatest.</p> <p>b) What is the mode of the data?</p> <p>$1\frac{1}{2}$ minutes</p>	<p>Answer:</p> <p>a) 4, 5, 6, 6, 6, 12, 17, 20, 24</p> <p>b) The mode is 6, since it appears the most times in the set.</p>
Theme Statistics and Probability; Data Handling (M-06-0127) CODE CC43	Theme Statistics and Probability; Data Handling (M-06-0127) CODE CC43
Lesson Title: Mode of Discrete Data	Lesson Title: Mode of Discrete Data
<p>Given the data below, identify the mode in each set:</p> <p>a) 3, 7, 5, 13, 20, 23, 39, 23, 40, 23, 14, 12, 56, 23, 29</p> <p>b) 60, 55, 59, 56, 61, 62, 62, 62, 57, 61</p> <p>2 minutes</p>	<p>Answer:</p> <p>a) 3, 5, 7, 12, 13, 14, 20, 23, 23, 23, 23, 29, 39, 40, 56. The mode is 23.</p> <p>b) 55, 56, 57, 59, 60, 61, 61, 62, 62, 62 The mode is 62.</p>
Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC44	Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC44
Lesson Title: Median of Discrete Data	Lesson Title: Median of Discrete Data
<p>Work out the median for each of the following:</p> <p>a) 7, 3, 8, 9, 6, 5</p> <p>b) 124, 53, 39, 230, 155, 180</p> <p>2 minutes</p>	<p>Answer:</p> <p>a) Least to Greatest: 3, 5, 6, 7, 8, 9 Median = $\frac{6+7}{2} = 6.5$</p> <p>b) Least to Greatest: 39, 53, 124, 155, 180, 230 Median = $\frac{124+155}{2} = 139.5$</p>

Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC45	Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC45
Lesson Title: Median of Discrete Data	Lesson Title: Median of Discrete Data
<p>A netball team plays 11 matches. The number of points they score in each match are:</p> <p style="text-align: center;">20, 30, 24, 32, 22, 68, 67, 58, 55, 49, 17</p> <p>a) Work out the median number of points scored. b) How many of the total points scored are higher than the median?</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) Least to Greatest: 17, 20, 22, 24, 30, 32, 49, 55, 58, 67, 689</p> <p>Median = 32</p> <p>b) Five of the total points scored are greater than the median.</p>
Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC46	Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC46
Lesson Title: Median of Discrete Data	Lesson Title: Median of Discrete Data
<p>A sequence of five numbers is arranged in ascending order, starting with 32. Which of the following could be the set of numbers if the median is 35?</p> <p>A. 32, 34, 35, 36, 40 B. 32, 35, 40, 44, 48 C. 32, 35, 36, 38, 49 D. 32, 33, 34, 35, 53</p> <p style="text-align: right;">1 minute</p>	<p>Answer:</p> <p>Set A has a median of 35.</p>
Theme Statistics and Probability; Data Handling (M-06-0129) CODE CC47	Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC47
Lesson Title: Mean of Discrete Data	Lesson Title: Mean of Discrete Data
<p>Find the mean for each of the sets of data below:</p> <p>a) 1, 8, 7, 5, 6, 4, 7, 6</p> <p>b) 3, 2, 1, 3, 2, 2, 1, 3, 1, 2, 3, 2, 1</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) $\frac{1+8+7+5+6+4+7+6}{8} = 5.5$</p> <p>b) $\frac{3+2+1+3+2+2+1+3+1+2+3+2+1}{13} = 2$</p>
Theme Statistics and Probability; Data Handling (M-06-0129) CODE CC48	Theme Statistics and Probability; Data Handling (M-06-0128) CODE CC48
Lesson Title: Mean of Discrete Data	Lesson Title: Mean of Discrete Data
<p>According to Laurica's math teacher, the final class grade is calculated using the average of all tests results.</p> <p>Laurica's math test scores are 93%, 87%, 71% and 97%.</p> <p>a) What central tendency measure will she use when calculating the average? (mean, median or mode?) b) Determine Laurica's final class average.</p> <p style="text-align: right;">2 minutes</p>	<p>Answer:</p> <p>a) Laurica will use the mean to calculate the average</p> <p>b) mean = $\frac{93+87+71+97}{4} = 87$</p> <p>Laurica has a grade average of 87%</p>

Theme Statistics and Probability; Data Handling (M-06-0130) CODE CC49	Theme Statistics and Probability; Data Handling (M-06-0130) CODE CC49
<p>Lesson Title: Appropriate Average</p> <p>The mass in kg of 10 students are given below:</p> <p>39, 43, 36, 38, 46, 51, 33, 44, 44, 43</p> <p>Find the mode, median and mean of this data.</p> <p style="text-align: right;">$2\frac{1}{2}$ minutes</p>	<p>Lesson Title: Appropriate Average</p> <p>Answer:</p> <p>Order the data:</p> <p style="text-align: center;">33, 36, 38, 39, 43, 43, 44, 44, 46, 51</p> <p>Mode = 43 and 44</p> <p>Median = 43</p> <p>Mean = $\frac{33+36+38+39+43+43+44+44+46+51}{10} = 41,7$</p>
Theme Statistics and Probability; Data Handling (M-06-0130) CODE CC50	Theme Statistics and Probability; Data Handling (M-06-0130) CODE CC50
<p>Lesson Title: Appropriate Average</p> <p>Consider the discrete data below:</p> <p style="text-align: center;">31, 16, 54, 13, 93, 41, 41, 95</p> <p>a) Determine the mean, median and mode of this data.</p> <p>b) Determine the most appropriate average of this data if we know that the data is a set of ages of people in a large family.</p> <p style="text-align: right;">$2\frac{1}{2}$ minutes</p>	<p>Lesson Title: Appropriate Average</p> <p>a) Mean = 48; Median = 41; Mode = 41</p> <p>b) The most appropriate average is the mean.</p>