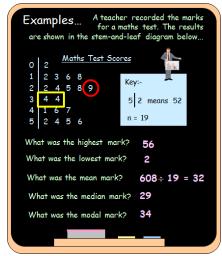
Outcome 1 - Interpreting Bar Graphs, Stem & Leaf Diagrams and Pie Charts

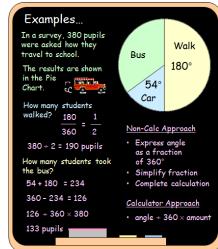
Bronze example

Examples... A group of students were asked about their favourite pets. The results are listed in the bar graph below. 12 10 8 6 4 2 10 Cat Dog Goldfish Hamster How many pupils preferred dogs? 4 pupils How many more pupils prefer cats than hamsters? 11 - 8 = 3 pupils How many pupils were asked altogether? 11 + 4 + 7 + 8 = 30 pupils

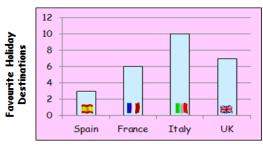
Silver example



Gold example



Bronze Questions



- 👃 How many people went to Spain?
- How many people went to Italy?
- How many more people went to Italy than Spain?
- # How many more people went to UK than France?
- How many people were asked altogether?

Silver Questions

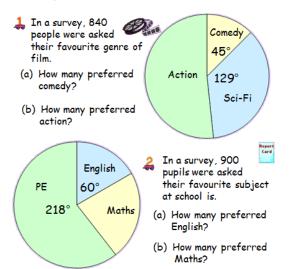


This stem-and-leaf diagram shows the ages of people at a cinema...

0	4567 A	ges of People	
1	1 2 3	Key:-	
2	1 3 4 8	1	
3	1 2 3 4 4	4 4 means 44	
4	4 5 6	n = 21	
5	5 9	H = LI	

- What was the highest age?
- What was the lowest age?
- What was the mean age?
- What was the median age?
- 幕 What was the modal age?

Gold Questions





Bronze Answers

- 1. 3 people
- 2. 10 people
- 3. 7 people
- 4. 1 person
- 5. 26 people

Silver Answers

- 1. 59
- 2. 4
- 3. $567 \div 21 = 27$
- 4. 28
- 5. 34

Gold Answers

- 1. 105 people
- 2. 434 people
- 3. 150 pupils
- 4. 205 pupils