

Outcome 3 - Calculating the Median

Bronze examples

Examples...

Median = The Middle Number

2, 3, 5, 8, 9

Median = 5

2, 3, 5, 7, 8, 8, 9

Median = 7

Silver example

Examples...

Median = The Middle Number

48, 37, 26, 54, 17

17, 26, 37, 48, 54

Median = 37

Put the numbers in order!!

Gold example

Examples...

Median = The Middle Number

33, 22, 59, 14, 41, 61

14, 22, 33, 41, 59, 61

Median = 37

Put the numbers in order!!

$33 + 41 = 74$

$74 \div 2 = 37$

Bronze Questions

Calculate the median of the following lists...

- | | |
|---|--|
|  1 6, 8, 9 |  2 1, 3, 4, 7, 8 |
|  3 2, 5, 6, 8, 10 |  4 2, 3, 4, 7, 9 |
|  5 1, 3, 4, 6, 8, 8, 9 |  6 2, 5, 5, 6, 9, 9, 10 |
|  7 2, 4, 5, 9, 9 |  8 1, 2, 3, 3, 6, 7, 8 |
|  9 1, 1, 2, 3, 5, 6, 8 |  10 4, 5, 7, 8, 8 |

Silver Questions

Calculate the median of the following lists...

- | | |
|--|---|
|  1 69, 75, 48, 92, 57 |  2 76, 38, 52 |
|  3 92, 59, 63, 34, 48 |  4 63, 43, 78, 35, 89 |
|  5 58, 47, 63, 78, 45, 69, 84 |  6 48, 86, 25, 67, 39 |
|  7 36, 22, 57, 65, 53, 19, 24 |  8 24, 26, 23, 21, 28 |
|  9 74, 49, 84, 66, 53, 28, 15 |  10 18, 12, 10, 16, 14 |

Gold Questions

Calculate the median of the following lists...

- | | |
|--|---|
|  1 7, 9, 2, 3, 1, 2, 8, 7 |  2 9, 4, 8, 1, 3, 9 |
|  3 6, 4, 9, 6, 9, 8, 5, 3 |  4 7, 2, 1, 5, 4, 6 |
|  5 52, 38, 27, 64, 73, 48 |  6 72, 93, 63, 89, 96, 56 |
|  7 6, 1, -2, 8, 0, -3, 7, 5 |  8 5, -3, 0, 6, -2, -5 |
|  9 4000, 7000, 6000, 2000 |  10 6000, 8000, 3000, 5000 |

Bronze Answers

- | | | | |
|----|---|-----|---|
| 1. | 8 | 2. | 4 |
| 3. | 6 | 4. | 4 |
| 5. | 6 | 6. | 6 |
| 7. | 5 | 8. | 3 |
| 9. | 3 | 10. | 7 |

Silver Answers

- | | | | |
|----|----|-----|----|
| 1. | 69 | 2. | 52 |
| 3. | 59 | 4. | 63 |
| 5. | 63 | 6. | 48 |
| 7. | 36 | 8. | 24 |
| 9. | 53 | 10. | 14 |

Gold Answers

- | | | | |
|----|------|-----|------|
| 1. | 5 | 2. | 6 |
| 3. | 6 | 4. | 4.5 |
| 5. | 50 | 6. | 80.5 |
| 7. | 3 | 8. | -1.5 |
| 9. | 5000 | 10. | 5500 |