

Outcome 2 - Calculating the Mean

Bronze examples

Examples...

Mean = Total ÷ Number of Numbers

1, 1, 2, 6, 10
 $\text{Mean} = 20 \div 5 = 4$

5, 6, 6, 7, 10, 11, 11
 $\text{Mean} = 56 \div 7 = 8$

Silver example

Examples...

Mean = Total ÷ Number of Numbers

54, 78, 59, 88, 71
 $\text{Mean} = 350 \div 5 = 70$

54
78
59
88
71
350
70

Gold examples

Examples...

Mean = Total ÷ Number of Numbers

-4, 2, -7, 3, -9
 $\text{Mean} = -15 \div 5 = -3$

9000, 4000, 8000, 7000
 $\text{Mean} = 28\,000 \div 4 = 7000$

Bronze Questions

Calculate the mean of the following lists...

- | | |
|--|---|
| <p>1 1, 2, 9</p> <p>3 3, 4, 8, 9</p> <p>5 1, 1, 1, 2, 10</p> <p>7 1, 1, 2, 2, 5, 7</p> <p>9 1, 4, 4, 4, 5, 8, 9</p> | <p>2 6, 10, 11</p> <p>4 2, 3, 6, 9</p> <p>6 6, 8, 10, 10, 11</p> <p>8 4, 4, 5, 8, 10, 11</p> <p>10 1, 1, 2, 2, 4, 5, 6</p> |
|--|---|

Silver Questions

Calculate the mean of the following lists...

- | | |
|--|---|
| <p>1 35, 29, 36, 64, 56</p> <p>3 16, 24, 40, 56, 19</p> <p>5 30, 65, 71, 86, 93</p> <p>7 79, 15, 47, 95, 16, 24</p> <p>9 35, 47, 22, 29, 22, 25</p> | <p>2 55, 76, 49</p> <p>4 71, 99, 85, 77</p> <p>6 13, 46, 24, 89</p> <p>8 61, 68, 45, 78</p> <p>10 76, 92, 81</p> |
|--|---|

Gold Questions

Calculate the mean of the following lists...

- | | |
|---|---|
| <p>1 5, 0, 6, -1, 9, 4, -2</p> <p>3 -6, 0, -11, -1, 1, -9, -2</p> <p>5 18, -17, 21, 24, 17, -9</p> <p>7 6000, 7000, 2000, 5000</p> <p>9 13 000, 8000, 9000</p> | <p>2 7, 3, -5, -2, 6, -3</p> <p>4 5, -4, -2, -6, 3, 4, -7</p> <p>6 29, -28, 49, -50, 75</p> <p>8 5000, 8000, 7000, 4000</p> <p>10 16 000, 20 000, 21 000</p> |
|---|---|

Bronze Answers

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

Silver Answers

- | | | | |
|----|----|-----|----|
| 1. | 44 | 2. | 60 |
| 3. | 31 | 4. | 83 |
| 5. | 69 | 6. | 43 |
| 7. | 46 | 8. | 63 |
| 9. | 30 | 10. | 83 |

Gold Answers

- | | | | |
|----|--------|-----|--------|
| 1. | 3 | 2. | 1 |
| 3. | -4 | 4. | -1 |
| 5. | 9 | 6. | 15 |
| 7. | 5000 | 8. | 6000 |
| 9. | 10 000 | 10. | 19 000 |