

Outcome 4 - Calculating the Mode

Bronze examples

Examples...

Mode = Number that appears MOST

4, 6, 6, 7, 8

Mode = 6

2, 2, 5, 7, 8, 8, 8

Mode = 8

Silver examples

Examples...

Mode = Number that appears MOST

93, 76, 29, 54, 76

Mode = 76

87, 24, 87, 24, 42, 66, 24

Mode = 24

Gold examples

Examples...

Mode = Number that appears MOST

25, 46, 37, 25, 79, 97, 46

Mode = 25, 46

7, -4, 3, 4, -2, -5, 7, -2, 2, 10

Mode = 7, -2

Bronze Questions

Calculate the mode of the following lists...

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

Silver Questions

Calculate the mode of the following lists...

- | | |
|--|---|
|  1 22, 27, 25, 20, 22 |  2 72, 30, 54, 37, 54 |
|  3 84, 49, 73, 76, 76 |  4 14, 16, 15, 10, 14, 11 |
|  5 75, 65, 55, 35, 65, 75, 65 |  6 34, 57, 49, 34, 29 |
|  7 87, 43, 81, 24, 38, 83, 43 |  8 38, 39, 34, 33, 38 |
|  9 57, 75, 46, 23, 69, 75, 56 |  10 99, 95, 59, 56, 59 |

Gold Questions

Calculate the mode of the following lists...

- | | |
|---|---|
|  1 5, 3, 9, 5, 7, 8, 2, 8 |  2 1, 1, 4, 9, 6, 4 |
|  3 3, 5, 9, 4, 9, 2, 3, 7 |  4 8, 7, 2, 3, 2, 8 |
|  5 18, 81, 26, 49, 26, 49 |  6 39, 35, 36, 32, 32, 35 |
|  7 -4, 2, 9, -2, 4, 4, -9, 9 |  8 -8, -9, -7, -9, -3, -8 |
|  9 70, 50, 50, 60, 70, 30 |  10 80, 40, 90, 80, 60, 90 |

Bronze Answers

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

Silver Answers

- | | | | |
|----|----|-----|----|
| 1. | 22 | 2. | 54 |
| 3. | 76 | 4. | 14 |
| 5. | 65 | 6. | 34 |
| 7. | 43 | 8. | 38 |
| 9. | 75 | 10. | 59 |

Gold Answers

- | | | | |
|----|--------|-----|--------|
| 1. | 5, 8 | 2. | 1, 4 |
| 3. | 3, 9 | 4. | 2, 8 |
| 5. | 26, 49 | 6. | 32, 35 |
| 7. | 4, 9 | 8. | -8, -9 |
| 9. | 50, 70 | 10. | 80, 90 |