

Mean

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| 1. 3, 4, 4, 5, 6, 8 | 7. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 |
| 2. 3, 4, 5, 6, 6, 6, 7, 8, 9 | 8. 21, 22, 23, 24, 24, 25, 26, 27 |
| 3. 7, 7, 8, 8, 9, 10, 11, 12 | 9. 35, 35, 36, 37, 38, 38, 39, 40 |
| 4. 4, 5, 6, 6, 6, 7, 7, 8, 9, 9, 10 | 10. 122, 123, 125, 124, 126 |
| 5. 2, 12, 12, 13, 14, 15, 16 | 11. 51, 52, 52, 52, 54, 55, 56, 56 |
| 6. 1, 4, 5, 6, 7, 8, 8, 12, 12 | 12. 88, 89, 90, 92, 94, 95, 96 |

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| 1. 5, 3, 5, 6, 7, 2, 1, 4, 5, 8, 9 | 7. 78, 77, 69, 68, 72, 75, 70, 72 |
| 2. 3, 5, 8, 11, 12, 3, 4, 8, 10, 7 | 8. 52, 53, 51, 49, 51, 54, 53, 52 |
| 3. 6, 9, 12, 16, 4, 12, 16, 18, 3, 6 | 9. 4, 8, 12, 17, 33, 32, 8, 13, 4, 20 |
| 4. 19, 22, 13, 15, 21, 17, 24, 16 | 10. 22, 24, 18, 33, 22, 18, 18, 31 |
| 5. 17, 18, 28, 25, 16, 20, 21, 17 | 11. 121, 125, 118, 116, 125, 119 |
| 6. 32, 34, 41, 43, 36, 40, 38, 34 | 12. 321, 345, 330, 332, 328, 341 |

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| 1. 1.2, 1.4, 1.3, 1, 1.2, 1.5, 1.4 | 7. 10.2, 10.8, 10.9, 10.5, 10.2, 10.7 |
| 2. 0.9, 0.7, 0.6, 0.9, 0.2, 0.4, 1.2 | 8. 9.9, 9.4, 9.5, 9.7, 8.9, 8.8, 9.2, 8.6 |
| 3. 2.9, 3.1, 2.8, 2.5, 2.7, 3, 3.2, 3.4 | 9. 6.7, 7.1, 6.5, 6.9, 8.2, 7.8, 6.9, 7.5 |
| 4. 4.1, 4.3, 4, 4.2, 4.1, 4.5, 4.3, 4.4 | 10. 22.1, 24.6, 22.1, 22.4, 23.7, 22.7 |
| 5. 0.8, 0.9, 0.4, 0.3, 0.5, 0.3, 1.2 | 11. 56.4, 55.4, 57.6, 55.3, 59.0, 57.4 |
| 6. 7.2, 7.7, 7.5, 7.1, 6.9, 7.2, 6.8 | 12. 3.3, 3.5, 4.1, 3.8, 3.9, 3.7, 3.8, 4.1 |

1. Below the numbers have a mean of 6. Find x .

4, x , 5, 7, 5, 6, 9

2. Work out the mean grade.

