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| (1, 2, 3, 4) 1 1 1 1 payment: 4  (1, 2, 4, 3) 1 1 2 1 payment: 5  (1, 3, 2, 4) 1 2 1 2 payment: 6  (1, 3, 4, 2) 1 2 1 2 payment: 6  (1, 4, 2, 3) 1 3 2 1 payment: 7  (1, 4, 3, 2) 1 3 1 1 payment: 6 | (2, 1, 3, 4) 2 1 2 1 payment: 6  (2, 1, 4, 3) 2 1 3 1 payment: 7  (2, 3, 1, 4) 2 1 2 3 payment: 8  (2, 3, 4, 1) 2 1 1 3 payment: 7  (2, 4, 1, 3) 2 2 3 2 payment: 9  (2, 4, 3, 1) 2 2 1 2 payment: 7 | (3, 1, 2, 4) 3 2 1 2 payment: 8  (3, 1, 4, 2) 3 2 3 2 payment: 10  (3, 2, 1, 4) 3 1 1 3 payment: 8  (3, 2, 4, 1) 3 1 2 3 payment: 9  (3, 4, 1, 2) 3 1 3 1 payment: 8  (3, 4, 2, 1) 3 1 2 1 payment: 7 | (4, 1, 2, 3) 4 3 1 1 payment: 9  (4, 1, 3, 2) 4 3 2 1 payment: 10  (4, 2, 1, 3) 4 2 1 2 payment: 9  (4, 2, 3, 1) 4 2 1 2 payment: 9  (4, 3, 1, 2) 4 1 2 1 payment: 8  (4, 3, 2, 1) 4 1 1 1 payment: 7 |

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| 4 => 1 , 5 => 1 , 6 => 4 , 7 => 6 , 8 => 5 , 9 => 5 , 10 => 2 ,  sum through permutation: 180  through permutation: 7.5  sum through concise: 180  concise: 7.5 |

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| (1, 2, 3, 4, 5) 1 1 1 1 1 payment: 5  (1, 2, 3, 5, 4) 1 1 1 2 1 payment: 6  (1, 2, 4, 3, 5) 1 1 2 1 2 payment: 7  (1, 2, 4, 5, 3) 1 1 2 1 2 payment: 7  (1, 2, 5, 3, 4) 1 1 3 2 1 payment: 8  (1, 2, 5, 4, 3) 1 1 3 1 1 payment: 7  (1, 3, 2, 4, 5) 1 2 1 2 1 payment: 7  (1, 3, 2, 5, 4) 1 2 1 3 1 payment: 8  (1, 3, 4, 2, 5) 1 2 1 2 3 payment: 9  (1, 3, 4, 5, 2) 1 2 1 1 3 payment: 8  (1, 3, 5, 2, 4) 1 2 2 3 2 payment: 10  (1, 3, 5, 4, 2) 1 2 2 1 2 payment: 8  (1, 4, 2, 3, 5) 1 3 2 1 2 payment: 9  (1, 4, 2, 5, 3) 1 3 2 3 2 payment: 11  (1, 4, 3, 2, 5) 1 3 1 1 3 payment: 9  (1, 4, 3, 5, 2) 1 3 1 2 3 payment: 10  (1, 4, 5, 2, 3) 1 3 1 3 1 payment: 9  (1, 4, 5, 3, 2) 1 3 1 2 1 payment: 8  (1, 5, 2, 3, 4) 1 4 3 1 1 payment: 10  (1, 5, 2, 4, 3) 1 4 3 2 1 payment: 11  (1, 5, 3, 2, 4) 1 4 2 1 2 payment: 10  (1, 5, 3, 4, 2) 1 4 2 1 2 payment: 10  (1, 5, 4, 2, 3) 1 4 1 2 1 payment: 9  (1, 5, 4, 3, 2) 1 4 1 1 1 payment: 8 | (2, 1, 3, 4, 5) 2 1 2 1 1 payment: 7  (2, 1, 3, 5, 4) 2 1 2 2 1 payment: 8  (2, 1, 4, 3, 5) 2 1 3 1 2 payment: 9  (2, 1, 4, 5, 3) 2 1 3 1 2 payment: 9  (2, 1, 5, 3, 4) 2 1 4 2 1 payment: 10  (2, 1, 5, 4, 3) 2 1 4 1 1 payment: 9  (2, 3, 1, 4, 5) 2 1 2 3 1 payment: 9  (2, 3, 1, 5, 4) 2 1 2 4 1 payment: 10  (2, 3, 4, 1, 5) 2 1 1 3 4 payment: 11  (2, 3, 4, 5, 1) 2 1 1 1 4 payment: 9  (2, 3, 5, 1, 4) 2 1 2 4 3 payment: 12  (2, 3, 5, 4, 1) 2 1 2 1 3 payment: 9  (2, 4, 1, 3, 5) 2 2 3 2 2 payment: 11  (2, 4, 1, 5, 3) 2 2 3 4 2 payment: 13  (2, 4, 3, 1, 5) 2 2 1 2 4 payment: 11  (2, 4, 3, 5, 1) 2 2 1 2 4 payment: 11  (2, 4, 5, 1, 3) 2 2 1 4 2 payment: 11  (2, 4, 5, 3, 1) 2 2 1 2 2 payment: 9  (2, 5, 1, 3, 4) 2 3 4 2 1 payment: 12  (2, 5, 1, 4, 3) 2 3 4 3 1 payment: 13  (2, 5, 3, 1, 4) 2 3 2 2 3 payment: 12  (2, 5, 3, 4, 1) 2 3 2 1 3 payment: 11  (2, 5, 4, 1, 3) 2 3 1 3 2 payment: 11  (2, 5, 4, 3, 1) 2 3 1 1 2 payment: 9 | (3, 1, 2, 4, 5) 3 2 1 2 1 payment: 9  (3, 1, 2, 5, 4) 3 2 1 3 1 payment: 10  (3, 1, 4, 2, 5) 3 2 3 2 3 payment: 13  (3, 1, 4, 5, 2) 3 2 3 1 3 payment: 12  (3, 1, 5, 2, 4) 3 2 4 3 2 payment: 14  (3, 1, 5, 4, 2) 3 2 4 1 2 payment: 12  (3, 2, 1, 4, 5) 3 1 1 3 1 payment: 9  (3, 2, 1, 5, 4) 3 1 1 4 1 payment: 10  (3, 2, 4, 1, 5) 3 1 2 3 4 payment: 13  (3, 2, 4, 5, 1) 3 1 2 1 4 payment: 11  (3, 2, 5, 1, 4) 3 1 3 4 3 payment: 14  (3, 2, 5, 4, 1) 3 1 3 1 3 payment: 11  (3, 4, 1, 2, 5) 3 1 3 1 3 payment: 11  (3, 4, 1, 5, 2) 3 1 3 4 3 payment: 14  (3, 4, 2, 1, 5) 3 1 2 1 4 payment: 11  (3, 4, 2, 5, 1) 3 1 2 3 4 payment: 13  (3, 4, 5, 1, 2) 3 1 1 4 1 payment: 10  (3, 4, 5, 2, 1) 3 1 1 3 1 payment: 9  (3, 5, 1, 2, 4) 3 2 4 1 2 payment: 12  (3, 5, 1, 4, 2) 3 2 4 3 2 payment: 14  (3, 5, 2, 1, 4) 3 2 3 1 3 payment: 12  (3, 5, 2, 4, 1) 3 2 3 2 3 payment: 13  (3, 5, 4, 1, 2) 3 2 1 3 1 payment: 10  (3, 5, 4, 2, 1) 3 2 1 2 1 payment: 9 | (4, 1, 2, 3, 5) 4 3 1 1 2 payment: 11  (4, 1, 2, 5, 3) 4 3 1 3 2 payment: 13  (4, 1, 3, 2, 5) 4 3 2 1 3 payment: 13  (4, 1, 3, 5, 2) 4 3 2 2 3 payment: 14  (4, 1, 5, 2, 3) 4 3 4 3 1 payment: 15  (4, 1, 5, 3, 2) 4 3 4 2 1 payment: 14  (4, 2, 1, 3, 5) 4 2 1 2 2 payment: 11  (4, 2, 1, 5, 3) 4 2 1 4 2 payment: 13  (4, 2, 3, 1, 5) 4 2 1 2 4 payment: 13  (4, 2, 3, 5, 1) 4 2 1 2 4 payment: 13  (4, 2, 5, 1, 3) 4 2 3 4 2 payment: 15  (4, 2, 5, 3, 1) 4 2 3 2 2 payment: 13  (4, 3, 1, 2, 5) 4 1 2 1 3 payment: 11  (4, 3, 1, 5, 2) 4 1 2 4 3 payment: 14  (4, 3, 2, 1, 5) 4 1 1 1 4 payment: 11  (4, 3, 2, 5, 1) 4 1 1 3 4 payment: 13  (4, 3, 5, 1, 2) 4 1 2 4 1 payment: 12  (4, 3, 5, 2, 1) 4 1 2 3 1 payment: 11  (4, 5, 1, 2, 3) 4 1 4 1 1 payment: 11  (4, 5, 1, 3, 2) 4 1 4 2 1 payment: 12  (4, 5, 2, 1, 3) 4 1 3 1 2 payment: 11  (4, 5, 2, 3, 1) 4 1 3 1 2 payment: 11  (4, 5, 3, 1, 2) 4 1 2 2 1 payment: 10  (4, 5, 3, 2, 1) 4 1 2 1 1 payment: 9 |

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| (5, 1, 2, 3, 4) 5 4 1 1 1 payment: 12  (5, 1, 2, 4, 3) 5 4 1 2 1 payment: 13  (5, 1, 3, 2, 4) 5 4 2 1 2 payment: 14  (5, 1, 3, 4, 2) 5 4 2 1 2 payment: 14  (5, 1, 4, 2, 3) 5 4 3 2 1 payment: 15  (5, 1, 4, 3, 2) 5 4 3 1 1 payment: 14  (5, 2, 1, 3, 4) 5 3 1 2 1 payment: 12  (5, 2, 1, 4, 3) 5 3 1 3 1 payment: 13  (5, 2, 3, 1, 4) 5 3 1 2 3 payment: 14  (5, 2, 3, 4, 1) 5 3 1 1 3 payment: 13  (5, 2, 4, 1, 3) 5 3 2 3 2 payment: 15  (5, 2, 4, 3, 1) 5 3 2 1 2 payment: 13  (5, 3, 1, 2, 4) 5 2 2 1 2 payment: 12  (5, 3, 1, 4, 2) 5 2 2 3 2 payment: 14  (5, 3, 2, 1, 4) 5 2 1 1 3 payment: 12  (5, 3, 2, 4, 1) 5 2 1 2 3 payment: 13  (5, 3, 4, 1, 2) 5 2 1 3 1 payment: 12  (5, 3, 4, 2, 1) 5 2 1 2 1 payment: 11  (5, 4, 1, 2, 3) 5 1 3 1 1 payment: 11  (5, 4, 1, 3, 2) 5 1 3 2 1 payment: 12  (5, 4, 2, 1, 3) 5 1 2 1 2 payment: 11  (5, 4, 2, 3, 1) 5 1 2 1 2 payment: 11  (5, 4, 3, 1, 2) 5 1 1 2 1 payment: 10  (5, 4, 3, 2, 1) 5 1 1 1 1 payment: 9 |

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| 5 => 1 , 6 => 1 , 7 => 5 , 8 => 7 , 9 => 19 , 10 => 13 , 11 => 25 , 12 => 15 , 13 => 18 , 14 => 12 , 15 => 4 ,  sum through permutation: 1320  through permutation: 11.0  sum through concise: 1320  concise: 11.0 |