# AfL Checkpoint - 5.03: Self Assessment

## Task 1: Robbie’s Dilemma

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| **Topic** | **Questions** | **☹** | **😐** | **☺** | **Targets for improvement** |
| Calculate any %. | ALL |  |  |  |  |
| Calculate % increases. | 1, 4, 5, 7, 10 |  |  |  |
| Calculate % decreases. | 2, 3, 6, 11 |  |  |  |
| Calculate % with multipliers. | ALL |  |  |  |
| Calculate % increases with multipliers. | 1, 4, 5, 7, 10 |  |  |  |
| Calculate % decreases with multipliers. | 2, 3, 6, 11 |  |  |  |
| Calculate repeated % change with multipliers. | 8, 9, 12 |  |  |  |

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| **Topic** | **Questions** | **☹** | **😐** | **☺** | **Targets for improvement** |
| Calculate any %. | ALL |  |  |  |  |
| Calculate % increases. | 1, 4, 5, 7, 10 |  |  |  |
| Calculate % decreases. | 2, 3, 6, 11 |  |  |  |
| Calculate % with multipliers. | ALL |  |  |  |
| Calculate % increases with multipliers. | 1, 4, 5, 7, 10 |  |  |  |
| Calculate % decreases with multipliers. | 2, 3, 6, 11 |  |  |  |
| Calculate repeated % change with multipliers. | 8, 9, 12 |  |  |  |

# AfL Checkpoint - 5.03: Self Assessment

## Task 2: Mary’s Investment

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| **Topic** | **Questions** | **☹** | **😐** | **☺** | **Targets for improvement** |
| Use % multipliers to find a given %. | ALL |  |  |  |  |
| Use % multipliers to decrease values. | 5 |  |  |  |
| Use % multipliers to increase values. | 1, 2, 3, 6, 7, 8 |  |  |  |
| Calculate repeated % change with multipliers. | 9 |  |  |  |
| Use compound interest formula for decreases. | 5 |  |  |  |
| Use compound interest formula for increases. | 1, 2, 3, 6, 7, 8 |  |  |  |
| Work backwards to find an interest rate. | 4 |  |  |  |

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| **Topic** | **Questions** | **☹** | **😐** | **☺** | **Targets for improvement** |
| Use % multipliers to find a given %. | ALL |  |  |  |  |
| Use % multipliers to decrease values. | 5 |  |  |  |
| Use % multipliers to increase values. | 1, 2, 3, 6, 7, 8 |  |  |  |
| Calculate repeated % change with multipliers. | 9 |  |  |  |
| Use compound interest formula for decreases. | 5 |  |  |  |
| Use compound interest formula for increases. | 1, 2, 3, 6, 7, 8 |  |  |  |
| Work backwards to find an interest rate. | 4 |  |  |  |