

Objective: To calculate an original value



Met

Partially
Met

Not Met

Work on the
following sections:

Column 1

Column 2

Extension

Column 1	Column 2
What would be the multiplier be for: a) Increasing by 58% b) Increasing by 6% c) Increasing by 18% d) Increasing by 31% e) Increasing by 5%	What would be the multiplier be for: a) Decreasing by 98% b) Decreasing by 7% c) Decreasing by 12% d) Decreasing by 6% e) Decreasing by 21%
Calculate the original amounts for the following: a) After a 10% increase, a price is now 66 b) After a 7% increase, a price is now 26.75 c) After a 61% increase, a price is now 140.07	Calculate the original amounts for the following: a) After a 20% decrease, a price is now 86.4 b) After a 3% decrease, a price is now 82.45 c) After a 85% decrease, a price is now 6.75
The price of a train ticket increased by 5%. The train ticket after the increase was £5.78. How much was the ticket originally?	A bag was reduced by 15% in a sale. The sale price of the bag was £23.80. How much was the bag originally?
Extension: For one month a gym increased its membership fee by 20% to £60. The number of gym members that month decreased by 30% to 126 members. Did the gym lose money by increasing the fees? Justify your answer.	