## RIGOUR

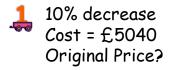
# N5 - Applications

### Worksheet 3

Silver Level



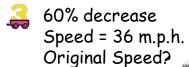
Calculate the following original amounts...





25% decrease Cost = £.6750Original Price?

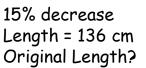






6% decrease Weight = 564 gOriginal Weight?







70% decrease Area =  $276 \text{ m}^2$ Original Area?



### Outcome 2 - Appreciation

Calculate the following after appreciation...



5.5% increase p.a. Amount = £6000 Amount after 3 years?



8.24% increase p.a. Value = £300 Value after 4 years?



4.9% increase p.a. Population = 50 000 Population after 2 years?



3.19% increase p.a. Cost = £.800Cost after 5 years?





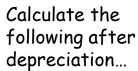


6.4% increase per hour 🧟 Temperature = 15°C Temperature after 2 hours?



7.7% increase p.a. Value = £.12 000 Value after 3 years?

### Outcome 3 - Depreciation





8.7% decrease p.a. Amount = £.5000Amount after 2 years?



6.2% decrease p.a. Value = £800 Value after 3 years?





7.03% decrease p.a. Population = 14 000 Population after 5 years?



6.29% decrease p.a. Cost = £.7000Cost after 4 years?



