

Increase by 15%  
 $100\% + 15\% = 115\%$   
 $115 \div 100 = \mathbf{1.15}$

Decrease by 15%  
 $100\% - 15\% = 85\%$   
 $85 \div 100 = \mathbf{0.85}$

## Level 1

- 1) £350 increase by 20%
- 2) £425 increased by 50%
- 3) £127 decreased by 30%
- 4) £148 decreased by 25%
- 5) A house price is reduced by 10% it originally cost £250,000. How much does it cost now?
- 6) The minimum wage is increased by 1.7% it originally was £8.70. How much is the minimum wage now?

## Level 2

- 1) £350 increase by 18%
- 2) £425 increased by 9%
- 3) £127 decreased by 19%
- 4) £148 decreased by 13.5%
- 5) A house price is reduced by 8% it originally cost £99,995. How much does it cost now?
- 6) The minimum wage is increased by 1.7% it originally was £6.10. How much is the minimum wage now?