KS2 Mental Maths Strategies

**Partitioning**

**JUMP- 510-230 same as 510- 200 -30**

**SPLIT- 78- 43 same as 70-40 + 8-3**

**BRIDGE- 127 + 5 same as 127 + 3 + 2=**

**14 x 8 same as 10x8 + 4 x 8**

**Using Factors**

**6 x4 is double 6 x2**

**16 x 25 is 8 x 50**

**80 x 6 same as 8 x 10 x 6**

**3500 ÷ 70 same as 3500 ÷ 10 ÷ 7**

**Rounding and Adjusting**

**Doubles 40+30 40 + 40 – 10**

**Multiples 6+6+7 3x 6 +1**

**Nearest 100 840 +190 840+200-10**

**6 x £3.99 same as £4.00 – 6p**

**Inverse Operations**

**301- 180 same as 180 + = 301**

**20 ÷ 5 = same as 5 x = 20**

**Using Equivalence**

**50% of £3.64 = ½ of £3.64**

**1½M + 0.75M = 1½M+ ¾M**

**¼, 0,3, 20% = 0.25, 0.3, 0.2**

**Re-ordering**

**18x5 same as 5 x18 (largest 1st)**

**3¾+1½+2¼ same as 3¾+2¼+1½ (components of 1)**

**Counting on/ Counting back**

**420 + 310 420----520 ---620----720----730**

**7.8 + 0.7 7.8----9.0-----8.2----8.4---8.5**

**7000-5760 5760----5800----6000----70000**