**CALCULATING PERCENTAGES OF 1%, 5%, 10%, 15%, 25% and 50%**

| **Small Group Questions (using calculators) to look for patterns**   * Make one copy for each group   245 x 1% = 3260 x 15% = 36900 x 5%=  80 x 5% = 20040 x 25% = 80609 x 10% =  9999 x 10% = 56 x 50% = 16 x 25% = |
| --- |

**Individual Practice Questions (using mental math only)**

* Make one copy for each student

1678 x 1% = 20800 x 25% = 240 x 5% =

31230 x 10% = 26 x 50% = 8000 x 15% =

140 x 5% = 60 x 15% = 402030 x 10% =

380 x 15% = 180 x 25% = 5640 x 50% =

\* Try these tricky ones, if you have completed all of the above:

18.967 x 10% = 0.004 x 25%= 15688 x 50% =

58909 x 10% = 300 x 15% = 220 x 5% =

**Second Option for the Individual Activity (Easier questions):**

**Calculate these numbers by 10% :**

125 x 10% = 397 x 10%= 928 x 10% = 92.8

87 x 10% = 4596 x 10% = 40381 x 10% = 4038.1

**Calculate these numbers by 25% :**

568 x 25% = 3280 x 25% = 6020 x 25% =

**Calculate these numbers by 50%:**

20180 x 50%= 326 x 50% = 28 x 50% =

3420 x 50% = 16 x 50% = 10638 x 50%=

**Answer Sheet for Teacher:**

| **Small Group Questions (using calculators) to look for patterns**   * Make one copy for each group   245 x 1% = 2.45 3260 x 15% = 489 36900 x 5%= 1845  80 x 5% = 4 20040 x 25% = 5010 80609 x 10% = 8060.9  9999 x 10% = 999.9 56 x 50% = 28 16 x 25% = 4 |
| --- |

**Individual Practice Questions (using mental math only)**

* Make one copy for each student

1678 x 1% = 16.78 20800 x 25% = 5200 240 x 5% = 12

31230 x 10% = 3123 26 x 50% = 13 8000 x 15% = 1200

140 x 5% = 7 60 x 15% = 9 402030 x 10% = 40203

380 x 15% = 57 180 x 25% = 45 5640 x 50% = 2820

\* Try these tricky ones, if you have completed all of the above:

18.967 x 10% = 1.8967 0.004 x 25%= 0.001 15688 x 50% = 7844

58909 x 10% = 5890.9 300 x 15% = 45 220 x 5% = 11

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Second Option for the Individual Activity (Easier questions):**

**Calculate these numbers by 10% :**

125 x 10% = 12.5 397 x 10%= 39.7 928 x 10% = 92.8

87 x 10% = 8.7 4596 x 10% = 459.6 40381 x 10% = 4038.1

**Calculate these numbers by 25% :**

568 x 25% = 142 3280 x 25% = 820 6020 x 25% = 1505

**Calculate these numbers by 50%:**

20180 x 50%= 10090 326 x 50% = 163 28 x 50% = 14

3420 x 50% = 1710 16 x 50% = 8 10638 x 50% =5319