**MULTIPLYING BY 10, 100 OR 1000**

| **Small Group Questions (using calculators) to look for patterns**   * Make one copy for each group   245 x 10 = 3257 x 100 = 36893 x 10 =  98 x 10 = 20046 x 100 = 80609 x 100 =  9999 x 100 = 55 x 100 = 16 x 100 = |
| --- |

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

* Make one copy for each student

1678 x 100 = 20994 x 100 = 234 x 100 =

31231 x 100 = 26 x 100 = 6000 x 100 =

123 x 100 = 60 x 100 = 402030 x 100 =

387 x 10 = 1 x 10 = 5541 x 100 =

83017 ÷x 100 = 5681 x 10 = 3456 x 10 =

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

18.967 x 10 = 0.004 x 100 = 15788 x1000 =

58909 x \_\_\_\_ = 589090 \_\_\_\_\_ x 10 = 176 .05 x 100 =

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

**Multiply these numbers by 10 :**

125 x 10 = 397 x 10 = 928 x10 =

87 x 10 = 4596 x 10 = 40381 x 10 =

**Multiple these numbers by 100 :**

568 x 100 = 3281 x 100 = 77777 x 100 =

667 x 100 = 902 x 100 = 96225 x 100 =

**Multiply:**

20184 x 10 = 327 x 100 = 28 x 100 =

3359 x 10 = 6 x 100 = 10638 100 =

**Answer Sheet for Teacher:**

**Small Group Questions (using calculators) to look for patterns**

245 x 10 = 2450 3257 x 100 = 325,700 36893 x 10 = 368,930

98 x 10 = 980 20046 x 100 = 2,004,600 80609 x 100 = 8,060,900

9999 x 100 = 55 x 100 = 5,500 16 x 100 = 1,600

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

1678 x 100 = 167,800 20994 x 100 =2,099,400 234 x 100 = 23,400

31231 x 100 = 26 x 100 = 2,600 6000 x 100 = 600,000

123 x 100 = 60 x 100 = 402030 x 100 = 40,203,000

387 x 10 = 3,870 1 x 10 = 10 5541 x 100 = 554,100

83017 x 100 = 8,301,700 5681 x 10 =56,810 3456 x 10 = 34,560

**Trickier Questions:**

18.967 x 10 = 189.67 0.004 x 100 = 0.4 15788 x1000 = 15,788,000

58909 x 10 = 589090 17.6 x 10 = 176 .05 x 100 = 5

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

**Multiply these numbers by 10 :**

125 x 10 = 397 x 10 = 928 x10 =

87 x 10 = 4596 x 10 = 40381 x 10 =

**Multiply these numbers by 100 :**

568 x 100 = 56,800 3281 x 100 = 328,100 77777 x 100 = 7,777,700

667 x 100 = 66,700 902 x 100 = 90,200 96225 x 100 = 9,622,500

**Multiply:**

20184 x 10 = 201,840 327 x 100 = 32,700 28 x 100 = 2,800

3359 x 10 = 33,590 6 x 100 = 600 10638 x 100 = 1,063,800