**DIVIDING BY 10 OR 100**

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

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

* Make one copy for each student

1678 ÷ 100 = 20994 ÷ 100 = 234 ÷ 100 =

31231 ÷ 100 = 26 ÷ 100 = 6000 ÷ 100 =

123 ÷ 100 = 60 ÷ 100 = 402030 ÷ 100 =

387 ÷ 10 = 1 ÷ 10 = 5541 ÷ 100 =

83017 ÷ 100 = 5681 ÷ 10 = 3456 ÷ 10 =

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

18.967 ÷ 10 = 0.004 ÷ 100 = 15788 ÷ 1000 =

58909 ÷ \_\_\_\_ = 58.909 \_\_\_\_\_ ÷ 10 = 1.76 1 ÷ 100 =

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

**Divide these numbers by 10 :**

125 ÷ 10 = 397 ÷ 10 = 928 ÷ 10 =

87 ÷ 10 = 4596 ÷ 10 = 40381 ÷ 10 =

**Divide these numbers by 100 :**

568 ÷ 100 = 3281 ÷ 100 = 77777 ÷ 100 =

667 ÷ 100 = 902 ÷ 100 = 96225 ÷ 100 =

**Divide :**

20184 ÷ 10 = 327 ÷ 100 = 28 ÷ 100 =

3359 ÷ 10 = 6 ÷ 100 = 10638 ÷ 100 =

**Answer Sheet for Teacher:**

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

245 ÷ 10 = 24.5 3257 ÷ 100 = 32.57 36893 ÷ 10 = 3689.3

98 ÷ 10 = 9.8 20046 ÷ 100 = 200.46 80609 ÷ 100 = 806.09

9999 ÷ 100 = 99.00 55 ÷ 100 = 5.5 16 ÷ 100 = 0.16

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

1678 ÷ 100 = 16.78 20994 ÷ 100 = 209.94 234 ÷ 100 = 2.34

31231 ÷ 100 = 312.31 26 ÷ 100 = 0.26 6000 ÷ 100 = 60

123 ÷ 100 = 1.23 60 ÷ 100 = 402030 ÷ 100 = 4020.3

387 ÷ 10 = 38.7 1 ÷ 10 = 0.1 5541 ÷ 100 = 55.41

83017 ÷ 100 = 830.17 5681 ÷ 10 = 568.1 3456 ÷ 10 = 345.6

***Trickier Questions***

18.967 ÷ 10 = 1.8967 0.004 ÷ 100 = 0.00004 15788 ÷ 1000 = 15.788

58909 ÷ 1000 = 58.909 17.6 ÷ 10 = 1.76 1 ÷ 100 = 0.01

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

**Divide these numbers by 10 :**

125 ÷ 10 = 12.5 397 ÷ 10 = 39.7 928 ÷ 10 = 92.8

87 ÷ 10 = 8.7 4596 ÷ 10 = 459.6 40381 ÷ 10 = 4038.1

**Divide these numbers by 100 :**

568 ÷ 100 = 5.68 3281 ÷ 100 = 32.81 77777 ÷ 100 = 777.77

667 ÷ 100 = 6.67 902 ÷ 100 = 9.02 96225 ÷ 100 = 962.25

**Divide :**

20184 ÷ 10 = 2018.4 327 ÷ 100 = 3.27 28 ÷ 100 = 0.28

3359 ÷ 10 = 335.9 6 ÷ 100 = 0.06 10638 ÷ 100 = 1063.8