# Round Hill Primary School
# Key Instant Recall Facts

## Year 5

### KIRF Autumn Term 2: Multiply and divide numbers by 10, 100 and 1000

| | | |
|---|---|---|
| 30 × 10 = 300 | 0.8 × 10 = 8 | 7 x 1000 = 7000 |
| 10 × 30 = 300 | 10 × 0.8 = 8 | 1000 x 7 = 7000 |
| 300 ÷ 30 = 10 | 8 ÷ 0.8 = 10 | 7000 ÷ 7 = 1000 |
| 300 ÷ 10 = 30 | 8 ÷ 10 = 0.8 | 7000 ÷ 1000 = 7 |
| 40 × 100 = 4000 | 0.2 × 10 = 2 | 2.3 x 1000 = 2300 |
| 100 × 40 = 4000 | 10 × 0.2 = 2 | 1000 x 2.3 = 2300 |
| 4000 ÷ 40 = 100 | 2 ÷ 0.2 = 10 | 2300 ÷ 2.3 = 1000 |
| 4000 ÷ 100 = 40 | 2 ÷ 10 = 0.2 | 2300 ÷ 1000 = 2.3 |

These are just examples of the facts for this term. Children should be able to answer these questions in any order, including missing number questions e.g. 10 × ? = 500 or ? ÷ 10 = 60.

When multiplying by 10, 100 or 1000, remind your child that each digit has become 10, 100 or 1000 times larger, and so moves to a higher column in our place value system. We discourage children from thinking of "adding a 0" as this can cause problems when working with decimals.

When dividing by 10, 100 or 1000, the opposite happens and the digits move to the right on our place value chart.

Your child might find it helpful to draw themselves a place value chart to practice with.

