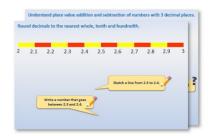
# Year 5: Week 2, Day 1

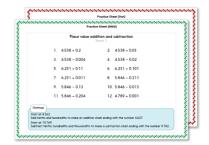
# Decimals: Multiply and divide by 10, 100 and 1000

Each day covers one maths topic. It should take you about 1 hour or just a little more.

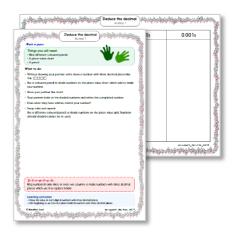
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



Tackle the questions on the Practice Sheet.
 There might be a choice of either Mild (easier) or Hot (harder)!
 Check the answers.

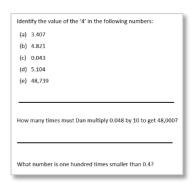


3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

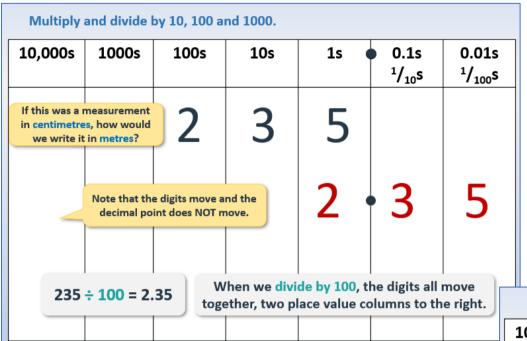


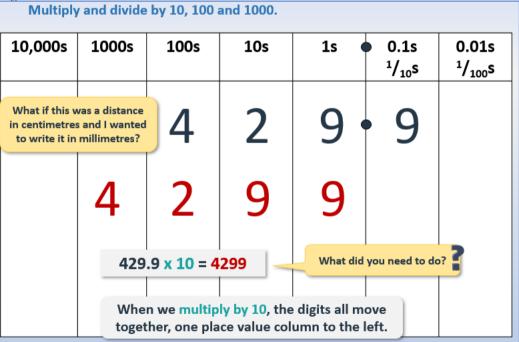
4. Have I mastered the topic? A few questions to Check your understanding.

Fold the page to hide the answers!

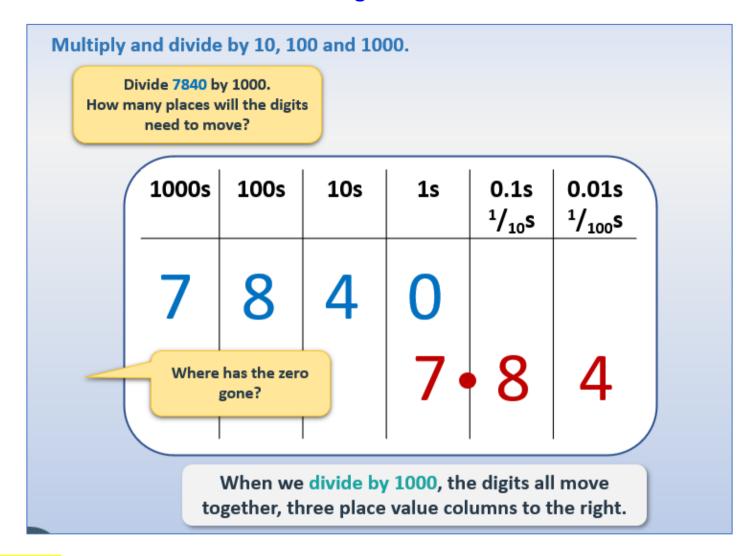


### **Learning Reminders**





### **Learning Reminders**



When we multiply by 10, 100 and 1000, the digits all move together, one, two, or three place value columns to the left.

When we divide by 10, 100 and 1000, the digits all move together, one, two, or three place value columns to the right.

## **Practice Sheet Mild**

# Multiplying and dividing by 10 and 100

1. 
$$34.6 \times 10$$

3. 
$$6.74 \times 10$$

4. 
$$6.74 \times 100$$

# **Practice Sheet Hot**

# Multiplying and dividing by 10, 100 and 1000

2. 
$$4568 \div 10$$
 3.  $2.76 \times 10$ 

$$3. \quad 2.76 \times 10$$

4. 
$$843 \div 100$$

$$5. 47.3 \times 100$$

6. 
$$783 \div 100$$

5. 
$$47.3 \times 100$$
 6.  $783 \div 100$  7.  $45.62 \times 100$  8.  $783.4 \div 10$ 

8. 
$$783.4 \div 10$$

9. 
$$45.74 \times 1000$$

#### Challenge

Complete the following calculations.

$$78.43 \times \square = 7843$$
  $78.43 \times \square = 78,430$   $6450 \div \square = 64.5$ 

#### **Extra Practice for All**

