

DO NOW (before your date and title)!

B1

1)  $3\frac{1}{5} \times 6 =$

2)  $4291 \div 3 =$

3)  $42.8 \times 1000 =$

B2

1)  $1290 + 100 =$

2)  $31 \times 10 =$

3)  $1.1 + 4.5 =$

5 minutes

DO NOW (before your date and title)!

B1

- 1)  $3\frac{1}{5} \times 6 = \frac{96}{5}$  or  $19\frac{1}{5}$
- 2)  $4291 \div 3 = 1430 \text{ R}1$
- 3)  $42.8 \times 1000 = 42,800$

B2

- 1)  $1290 + 100 = 1390$
- 2)  $31 \times 10 = 310$
- 3)  $1.1 + 4.5 = 5.6$

5 minutes

06/01/2020

Decimals - Ordering, Adding and Subtracting

Can read, write and order numbers up to 3  
decimal places

## Ordering decimals



Let's now try to order decimal numbers which include  
**thousandths** digits.

Put the numbers below in order from **largest** to **smallest**:

**7.6**

**7.675**

**7.67**

**7.556**

**6.776**

Let's work on this  
question together.

To **order** these decimals, let's first put them all  
in the correct column in the place value  
table...

First, let's put all the numbers into the correct column on our place value chart.

**7.6**

**7.675**

**7.67**

**7.556**

**6.776**

Writing them in the correct **columns** will help us **compare** the **size** of the numbers.

Thousands (1000)	Hundreds (100)	Tens (10)	Ones (1)	•	Tenths $(\frac{1}{10})$	Hundredths $(\frac{1}{100})$	Thousandths $(\frac{1}{1000})$
			7	.	6		
			7	.	6	7	5
			7	.	6	7	
			7	.	5	5	6
			6	.	7	7	6

Now we are ready to put them in **order**...

## Can read, write and order numbers up to 3 decimal places

The list of decimals in order from **largest to smallest** is:

**7.675**    **7.67**                      **7.6**                      **7.556**    **6.776**

Another method is to write each of the numbers out **with the same number of decimal places** to show that there is nothing in these place value columns:

7.675    7.67**0**    7.6**00**    7.556    6.776

(You may find it easier to write the list from smallest to largest first and then reverse the order of the numbers.)

## Can read, write and order numbers up to 3 decimal places

### Your turn

Put these decimal numbers in order from **smallest to largest**:

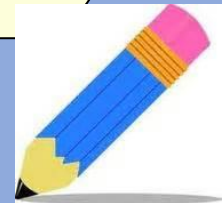
3.867   3.857   2.604   1.989

0.89   1.099   0.829   1.09

Put these decimal numbers in order from **largest to smallest**:

0.076   0.70   0.607   0.067

9.80   8.901   0.18   8.109



Can add with decimals to two places  
(including money)

## Your turn

Complete the following calculations using **both** the **expanded method** and the **short addition method**.

$$32.640 + 52.06 =$$

$$17.9 + 33.86 =$$



Can subtract with decimals to two places  
(including money)

## Your turn

Complete these calculations using the **short subtraction method**:

$$9.43 - 5.6 =$$

$$7.2 - 3.45 =$$

# FLUENCY

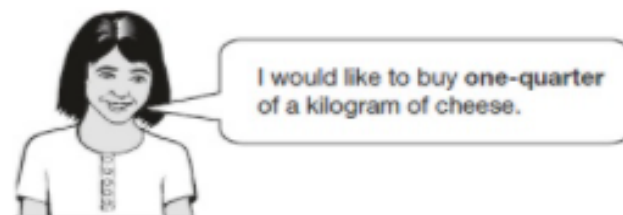
Please go to the online timetable to find your worksheet for today. If you are in Miss Panesar or Miss Naulls' (front tables) group – please do the B1 Worksheet.

If you are in Miss Virdee/Miss Naulls' group (back two tables) please do the B2 Worksheet.

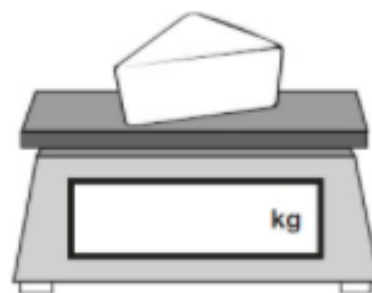
Only work on the fluency section at this time.

Amina is shopping.

She says,



Write one-quarter on the scales as a decimal.



1 mark

The cheese costs £1.35

Amina pays with a £2 coin.

How much change should Amina get?

1 mark



# PROBLEM SOLVING

On the same worksheet, please complete the problem solving questions.

If you are in Miss Panesar or Miss Naulls' (front tables) group – please do the B1 Worksheet.

If you are in Miss Virdee/Miss Naulls' group (back two tables) please do the B2 Worksheet.