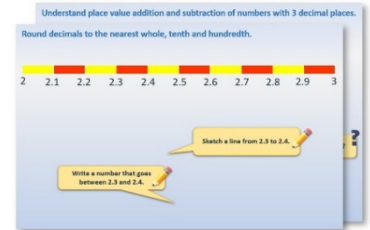


# Week 13, Day 5

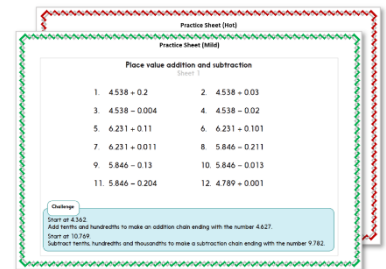
## Estimate weights and order items by weight

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

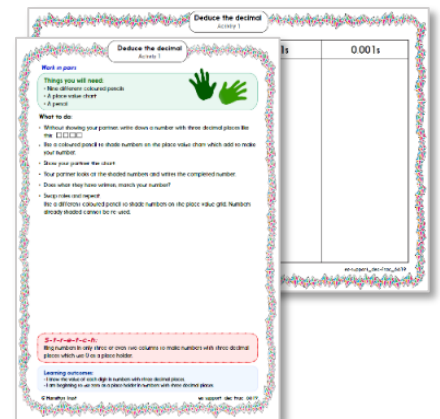
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



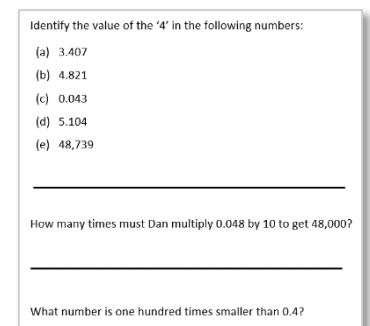
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

**Estimate masses/weights and order items by mass/weight.**

**Remember sometimes we weigh in grams, sometimes in kilograms.**

**A bag of potatoes weighs 1.45kg.  
A bag of flour weighs 850g.  
Which is heavier?**

**Try and work it out before looking at the next page!  
How can you compare them?**

## Learning Reminders

**Estimate masses/weights and order items by mass/weight.**

**Either change the kilograms to grams or the grams to kilograms.**

**Potatoes:  $1.45\text{kg} = 1450\text{g}$   
Flour:  $850\text{g} = 0.85\text{kg}$**

**So the potatoes are heavier!**

## Practice Sheet Mild

### Ordering weights

Order these weights from smallest to largest.

1) 300g 800g 100g 500g 1000g

.....

2) 250g 900g 1kg 600g 1200g

.....

3) 1600g 1200g 1500g 1900g 1750g

.....

4) 1.1kg 1.8kg 1.7kg 1.4kg 1.3 kg

.....

5) 1800g 1.5kg 1300g 1.6kg 1000g

.....

6) 2200g 2500g 2300g 2700g 2800g

.....

7) 1.9kg 2.1kg 2.9kg 2.6kg 2.4kg

.....

8) 2600g 2.5kg 2.3kg 2900g 2100g

.....

## Practice Sheet Hot

### Ordering weights

Order these weights from smallest to largest.

1) 1800g 1.5kg 1300g 1.6kg 1000g .....  
.....

2) 2200g 2500g 2300g 2700g 2800g .....  
.....

3) 1.9kg 2.1kg 2.9kg 2.6kg 2.4kg .....  
.....

4) 2600g 2.5kg 2.3kg 2900g 2100g .....  
.....

5) 2.3kg 3.2kg 1.2kg 3.1kg 2.4kg .....  
.....

6) 3600g 2900g 3400g 2200g 3800g .....  
.....

7) 3800g 3.3kg 2300g 3500g 2.9kg 3.2kg .....  
.....

8) 1.9kg 1100g 1.8kg 1300g 1.2kg 2100g .....  
.....

## Practice Sheets Answers

### Ordering weights (mild)

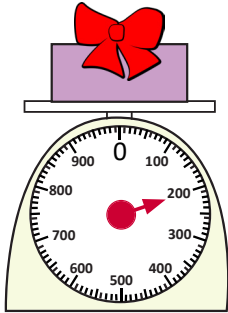
- 1) 100g 300g 500g 800g 1000g
- 2) 250g 600g 900g 1kg 1200g
- 3) 1200g 1500g 1600g 1750g 1900g
- 4) 1.1kg 1.3kg 1.4kg 1.7kg 1.8kg
- 5) 1000g 1300g 1.5kg 1.6kg 1800g
- 6) 2200g 2300g 2500g 2700g 2800g
- 7) 1.9kg 2.1kg 2.4kg 2.6kg 2.9kg
- 8) 2100g 2.3kg 2.5kg 2600g 2900g

### Ordering weights (hot)

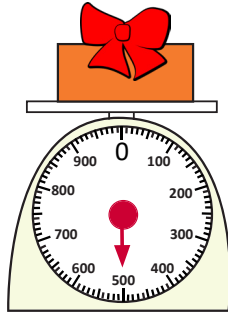
- 1) 1000g 1300g 1.5kg 1.6kg 1800g
- 2) 2200g 2300g 2500g 2700g 2800g
- 3) 1.9kg 2.1kg 2.4kg 2.6kg 2.9kg
- 4) 2100g 2.3kg 2.5kg 2600g 2900g
- 5) 1.2kg 2.3kg 2.4kg 3.1kg 3.2kg
- 6) 2200g 2900g 3400g 3600g 3800g
- 7) 2300g 2.9kg 3.2kg 3.3kg 3500g 3800g
- 8) 1100g 1.2kg 1300g 1.8kg 1.9kg 2100g

## A Bit Stuck? Weighing presents

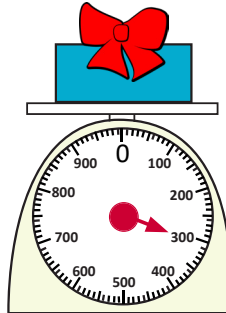
Read each scale.  
Write the weight of each present.



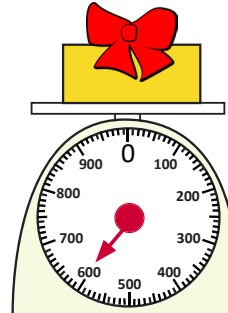
\_\_\_\_\_ g



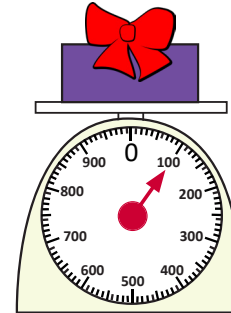
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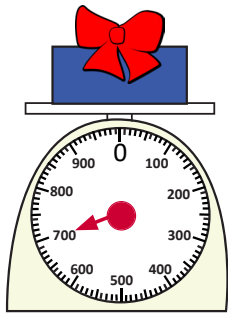
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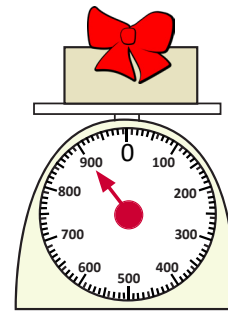
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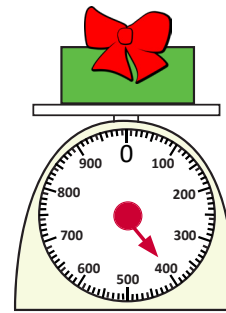
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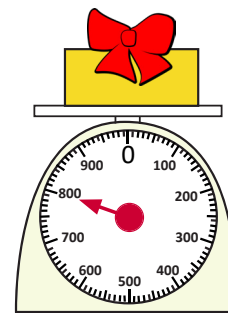
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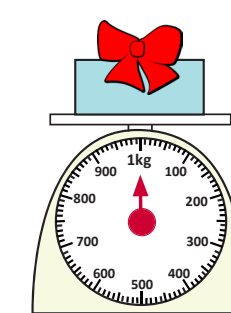
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### Challenge

Now have a go at writing each weight in kilograms, for example  $200\text{g} = 0.2\text{kg}$   
Remember! To convert grams to kilograms, divide by 1000...

## A Bit Stuck? Answers

### Weighing presents

200g	500g	300g	600g	100g
700g	900g	400g	800g	1kg

#### Challenge

$200\text{g} = 0.2\text{kg}$	$500\text{g} = 0.5\text{kg}$	$300\text{g} = 0.3\text{kg}$	$600\text{g} = 0.6\text{kg}$	$100\text{g} = 0.1\text{kg}$
$700\text{g} = 0.7\text{kg}$	$900\text{g} = 0.9\text{kg}$	$400\text{g} = 0.4\text{kg}$	$800\text{g} = 0.8\text{kg}$	$1\text{kg} = 1000\text{g}$



## Check your understanding

### Questions

True or false?

- 350g is the same as 1kg and 35g.
  - 72g is the same as 0.72kg.
- 

Look at these weights. Estimate their accuracy. Tick if they look correct.

- Large dictionary: 2.1kg
  - An apple: 500g
  - Mobile phone: 0.02g
  - Pair of wellies: 400g
  - Teaspoon: 0.2kg
- 

Convert each measurement to kilograms:

- a. 2500g
  - b. 1090g
  - c. 575g
- 

Put these 3 weights in size, lightest to heaviest:

4kg 50g      450g      4.5kg

## Check your understanding

### Answers

True or false?

- 350g is the same as 1kg and 35g. **False, since 1000g = 1kg not 100g.**
  - 72g is the same as 0.72kg. **False, 72g = 0.072kg.**
- 

Look at these weights. Estimate their accuracy. Tick if they look correct.

- Large dictionary: 2.1kg ✓
  - An apple: 500g **(Around 4-5 apples weigh 1kg so unlikely)**
  - Mobile phone: 0.02g **(Around 100-200g)**
  - Pair of wellies: 400g ✓
  - Teaspoon: 0.2kg **(unlikely, that's 200g!)**
- 

Convert each measurement to kilograms:

- 2500g **2.5kg**
  - 1090g **1.09kg**
  - 575g **0.575kg**
- 

Put these 3 weights in size, lightest to heaviest:

4kg 50g      450g      4.5kg

**450g, 4kg 50g, 4.5kg**