## Week 10, Day 1

## Revise using counting up (Frog) to subtract pairs of numbers with two decimal places <br> Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. If possible, watch the PowerPoint presentation with a teacher or another grown-up.

OR start by carefully reading through the Learning Reminders.

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. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

## Learning Reminders



## Learning Reminders



## Practice Sheet Mild Subtracting decimals

Use Frog to help you calculate the answers to these subtractions.

1. $14-13.78$
2. $14.25-13.78$
3. $23-19.67$
4. $23.34-19.67$
5. 42.12-41.89
6. $34.21-32.73$
7. $8.46-7.82$
8. $11.37-9.45$

## Practice Sheet Hot Subtracting decimals

Use Frog to help you calculate the answers to these subtractions.

$$
\text { 1. } 30.24-29.87
$$

2. $42.32-38.69$
3. $26.43-22.74$
4. $52.38-51.56$
5. $9.46-7.39$
6. $15.28-11.45$
7. $64.72-57.45$
8. $30.57-24.36$

## Challenge

Find 3 different pairs of decimal numbers whose difference is 3.43 .
Explain your strategy for doing this.

## Practice Sheets Answers

Subtracting decimals (mild)

1. $\quad 14-13.78=0.22$
2. $14.25-13.78=0.47$
3. $23-19.67=3.33$
4. $\quad 23.34-19.67=3.67$
5. $\quad 42.12-41.89=0.23$
6. $\quad 34.21-32.73=1.48$
7. $8.46-7.82=0.64$
8. $\quad 11.37-9.45=1.92$

Subtracting decimals (hot)

1. $30.24-29.87=0.37$
2. $\quad 42.32-38.69=3.63$
3. $26.43-22.74=3.69$
4. $52.38-51.56=0.82$
5. $\quad 9.46-7.39=2.07$
6. $\quad 15.28-11.45=3.83$
7. $\quad 64.72-57.45=7.27$
8. $\quad 30.57-24.36=6.21$

## Challenge

Find 3 different pairs of decimal numbers whose difference is 3.43 .
e.g. $5.57-2.14=3.43$
$7.67-4.24=3.43$
$8.32-4.89=3.43$

Work in pairs, but do record on your own sheet!
Things you will need:

- 0 to 10 number lines
- A pencil


## What to do:

- Choose a subtraction. Mark both numbers on a 0 to 10 number line. Use Frog to calculate the answer. Remember to use pairs to 10 to calculate the size of Frog's first hop!
- Repeat with at least four other subtractions.
- You score 10 points for each correct answer, and a bonus 5 points for any answers bigger than 2.

| $6.5-4.8$ | $9.2-5.6$ | $7.4-5.9$ |
| :--- | :--- | :--- |
| $8.3-4.7$ | $6.2-3.5$ | $8.6-6.8$ |
| $9.5-7.9$ | $7.3-4.6$ | $6.4-2.5$ |



## S-t-r-e-t-c-h:

Use addition to check two of your answers. You can draw a number line jotting to help if you wish.

## Learning outcomes:

- I can use Frog (counting up) to subtract numbers with one decimal place.
- I am beginning to check decimal subtractions with addition.



