## Week 7, Day 2

## Use Frog (counting up) to subtract pairs of decimal numbers.

 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

## Use Frog (counting up) to subtract pairs of numbers.

Harry's best javelin throw at sports day last summer was 9.67 metres, but today he has thrown a huge $\mathbf{1 1 . 3 2}$ metres! How much further has he thrown?

We can use FROG to count up to find the difference in the throws.

1. Frog jumps 0.33 m from
9.67 m to the next whole number of metres.
2. Frog next jumps 1.32m from 10 m to 11.32 m .


## Learning Reminders

| Use Frog (counting up) to subtract pairs of numbers. |  |  |
| :---: | :---: | :---: |
| Distance | Measurement | How much longer is the classroom? |
| Classroom width | 4.56 m | than it is wide? |
| Classroom length | 5.3 m | We draw an empty number line jotting to show how we could find this difference. |
| Hall length | 10.4 m |  |
| Hall width | 7.56m |  |
| Table width | 0.5m |  |
| Table length | 1.25 m | We need to be careful about place value when adding tenths to tenths and hundredths to hundredths. |
|  | 0.44 |  |
|  |  |  |
| 0.04 to 4.6 , then 0.4 to 5 , or one big jump of 0.44 . |  | Then 0.3 to 5.3. |
| $0.4 m+0.3 m+0.04 m=0.74 m$, or 74 cm |  |  |

## Practice Sheet Mild <br> Subtracting decimals

Use Frog to solve these subtractions.

1. 3.5-2.9
2. $5.2-3.7$
3. 9.1-5.8
4. $7.2-6.85$
5. $8.3-4.75$
6. $9.23-7.8$

## Challenge

Make up at least 5 subtractions with an answer of 1.4
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## Practice Sheet Hot <br> Subtracting decimals

Use Frog to solve these subtractions.

1. 7.3-6.79
2. $8.45-7.8$
3. $5.24-3.7$
4. $9.4-5.78$
5. $8.7-6.45$
6. 7.5-5.29
7. 10.67-5.3
8. 12.8-9.27

## Challenge

Make up at least 5 subtractions with an answer of 3.15
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## Practice Sheets Answers

Subtracting decimals (mild)

1. $3.5-2.9=0.6$
2. $5.2-3.7=1.5$
3. $9.1-5.8=3.3$
4. $7.2-6.85=0.35$
5. $8.3-4.75=3.55$
6. $9.23-7.8=1.43$

## Challenge

Accept any calculations with the correct answer of 1.4, e.g. 6.8-5.4 = 1.4, 3.1-1.7 = 1.4 etc.

Subtracting decimals (hot)

1. $7.3-6.79=0.51$
2. $8.45-7.8=0.65$
3. $5.24-3.7=1.54$
4. $\quad 9.4-5.78=3.62$
5. $8.7-6.45=2.25$
6. $7.5-5.29=2.21$
7. $10.67-5.3=5.37$
8. $\quad 12.8-9.27=3.53$

## Challenge

Accept any calculations with the correct answer of 3.15 , e.g. $8.75-5.6=3.15$



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