

Lesson 4

Learning Intention:

WALT

estimate numbers to 100

Key Vocabulary:

estimate

What you will need:

Pencil and paper

Starter



Here is a game that will help you with numbers to 100 and how many tens and ones. A bit of revision from last week.

www.ictgames.com/mobilePage/

Choose the shark numbers game. There are also other games and tools you can have a go with.

Main Teaching

Today we are using our knowledge of numbers to 100 to estimate.

Estimating is when we need to find an answer but we don't know exactly all the information we need, to give the correct answer. So, we need to make a clever guess by using the facts we do know. I could ask you to estimate how many sweets in the jar?



You can see that there are a lot. More than 30, as we can see around 30 but we know there are more.

If I give you a clue: there are more than 50 and less than 80, you can use your number facts to start to make a clever guess.

If we know there are less than 75 and more than 70 it helps us to make an even cleverer guess.

There are 74 sweets in the jar but if we had estimated 71 72 73 or 74 they would have been really clever guesses using the number facts that we had.

Find something in your house that you can use to play the clever guess game with an adult or sibling. You can give each other number fact clues to help, but don't tell the answer.

Today you will be using number lines to help you to estimate where the missing numbers should go. Number lines have helpful number facts on them to help us with are estimating. Always check what the first number on the number line is and what the last number is. These are really important facts as they tell us the lowest and highest number that we can estimate between. Then we need to use the ordering and sequencing skills which we have

learnt this week to make a clever guess where to put the missing numbers.

This is tricky to start with but if you keep practising you will soon become a really clever estimator. Remember practice makes perfect!

Independent Tasks

Challenge 1

Where would the number 5 be on this number line?



Where would the number 6 be on this number line?



Where would the number 8 be on this number line?



Where would the number 9 be on this number line?



Where would the number 1 be on this number line?



Challenge 2

Where would the number 50 be on this number line?



Where would the number 70 be on this number line?



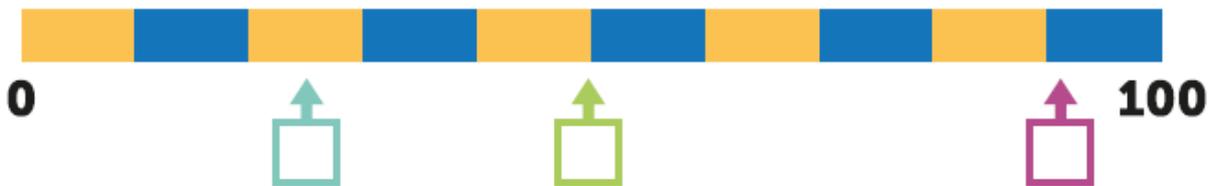
Where would the number 20 be on this number line?



Where would the number 80 be on this number line?



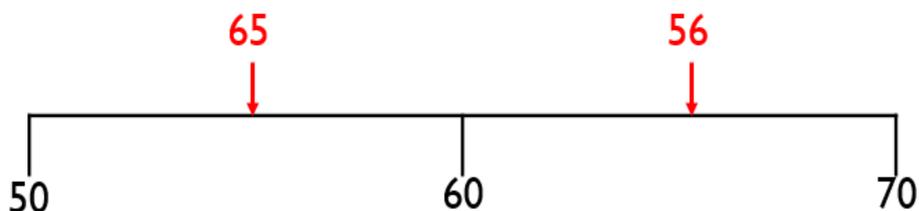
Challenge 3



Fill in the numbers the arrows are pointing to on the number line.
Either tell an adult or write down how you have estimated your answers.

Challenge X

Tommy has marked numbers on his number lines.
Has he made any mistakes?



Explain to a friend the mistake you think he has made.

Show the numbers on your own number line.

- 75
- 34
- 91
- 57

Review

Don't forget when you are estimating numbers on a number line always check the first and last numbers on the number line before you start.

Mark Scheme – Lesson 4

Independent Tasks
Challenge 1
Please check children's work
Challenge 2
Challenge 3
25 50 92
Challenge X
The 2 added numbers are the wrong way round. 56 comes before 65.
Review

