

Diving into Mastery - Diving

Adult Guidance with Question Prompts

Remind children which numbers Todd and Steven like.

Which numbers are written in digits?

Which numbers are written in words?

What other representations can you see?

How can we tell if a number is odd or even? How could we check?

Which do we need to tick?

Which do we need to circle?

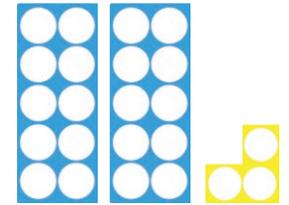
Odd Todd and Even Steven



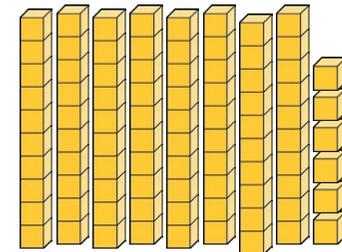
Todd and Steven are collecting numbers that they like. Circle the odd numbers Todd would like and tick the even numbers Steven would like.



100

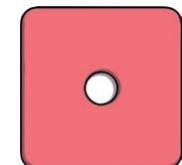
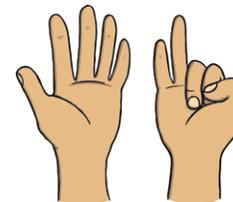
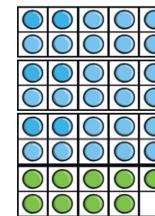


ten



72

55



47



six

Can you think of another number for Todd and another number for Steven? Explain how you know.

Diving into Mastery - Deeper

Adult Guidance with Question Prompts

It is common for children to forget it is only the ones digit they need to look at to decide if a number is odd or even. This activity provides an opportunity to discuss this and reinforce the learning. Use practical equipment, e.g. counters or number shapes, to prove the number is odd.

Which digit do we need to look at to see if a number is odd or even?

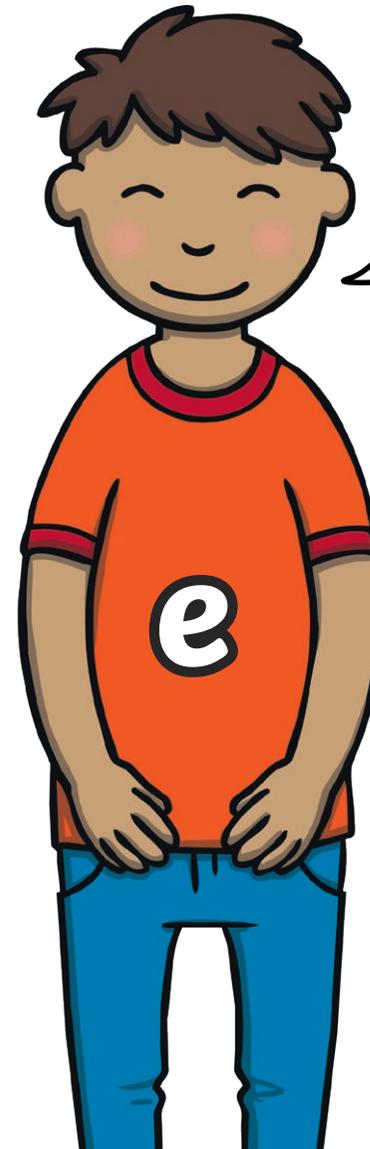
Can you use your equipment to make this number?

What is the ones digit in this number?

Is three odd or even? So is 43 odd or even?

Is Steven wrong or right? Explain how you know.

Odd Todd and Even Steven



43 is an even number because it starts with 4.

43

Is Even Steven right? Use your equipment to prove your answer.

Diving into Mastery - Deepest

Adult Guidance with Question Prompts

Children may need a hundred square or number line to support this activity.

Is Todd saying odd or even numbers?

Is Steven saying odd or even numbers?

How do you know?

What is the missing number in each sequence?

How could you use your hundred square/number line to find out?

How can you find the missing number if it is the first number in the sequence?

Odd Todd and Even Steven



Odd Todd and Even Steven are saying some number sequences with their favourite numbers. What is the missing number in each of their sequences?



10, 12, 14, 16, 18, ____

23, 25, 27, 29, 31, ____



48, 50, ____, 54, 56, 58

77, 79, ____, 83, 85, 87



____, 62, 64, 66, 68, 70

____, 3, 5, 7, 9, 11

