

Diving into Mastery – Diving

Adult Guidance with Question Prompts

Children order abstract representations of numbers. To help with these activities, they can use practical counting objects (including base ten equipment), number tracks and numeral cards. They order sets of three numbers from smallest to greatest and greatest to smallest.

Which number in the set is the greatest? Explain how you know.

Which number in the set is the smallest? Explain how you know.

Who has the most stickers?

Who has the least?

How do you know?

Can you represent each person's stickers with base ten blocks?

Use numeral cards and order three numbers.

How have I ordered these numbers? What would I need to do to order them the other way?

Order Numbers



Order these numbers from smallest to greatest:

17	15	13

10	19	11

Order these numbers from greatest to smallest:

12	18	11

15	16	19

Some children have been collecting stickers. This is how many they have collected:

Jas: 17 stickers Tom: 16 stickers Ben: 12 stickers

Order the children's names from who collected the fewest stickers to who collected the most stickers.



Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Children order abstract representations of numbers. To help with these activities, they can use practical counting objects (including base ten equipment), number tracks and numeral cards. They order sets of three and four numbers from smallest to greatest and greatest to smallest.

Has David ordered any of the sets incorrectly?

How did you know?

What would we need to do to make it right?

Is there only one number that would fit in the missing box? Why?

Has your friend chosen the same number as you?

Can you both be right? Why?

Order Numbers



David has ordered numbers from smallest to greatest. If he is correct, place a tick in the table. If he is wrong, place a cross in the table.



				✓ or ✗
13	18	19		
11	15	13		
12	14	16	20	
11	13	19	18	

Write a number which would fit in the missing box. The numbers are ordered from greatest to smallest.

20		15
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19	17	
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19	15		10
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Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Children order abstract representations of numbers. To help with these activities, they can use practical counting objects (including base ten equipment), number tracks and numeral cards. They solve a problem involving ordering sets of five numbers and use clues to work out possible missing numbers.

How did you order the house numbers? Which number did you look for first?

How do we know straight away that nine is the smallest?

What house number would be next to house number nine? 11? 14? 17? How did you know?

What numbers could the clues be describing?

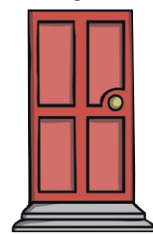
Is there more than one possible house?

Can you write your own clue and say what house number(s) it could be?

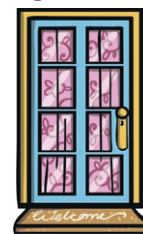
Order Numbers



A postman is delivering letters. He has letters for the following number houses:



17



20



9



11



14

The letters have been mixed up in the postman's bag! Can you order them from smallest to greatest?

Work out which of those houses these letters could be delivered to:

This house number is less than 15 but greater than 11.

This house number is between house number 9 and house number 17.

This house number is less than 25 but greater than 16.

Write your own clue here.