

02/06/2020

LO: To order decimal numbers

Problem of the day!

Kasper slept for 45 minutes on Monday, 35 minutes on Tuesday and 15 minutes on Wednesday. How long had he slept for in hours and minutes?

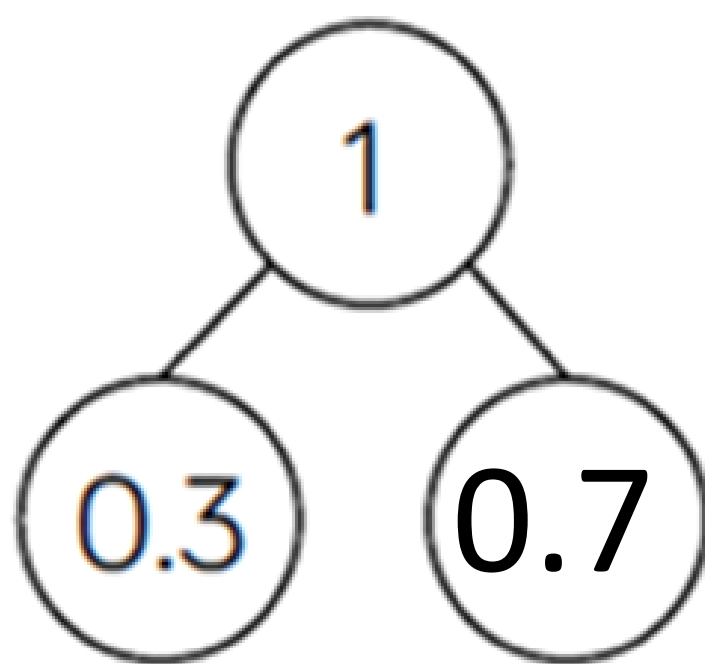
$$\begin{array}{r} 45 \\ + 35 \\ + 15 \\ \hline \end{array}$$

85 minutes

$$\begin{array}{r} 85 \\ - 60 \text{ (hour)} \\ \hline 25 \text{ minutes} \end{array}$$

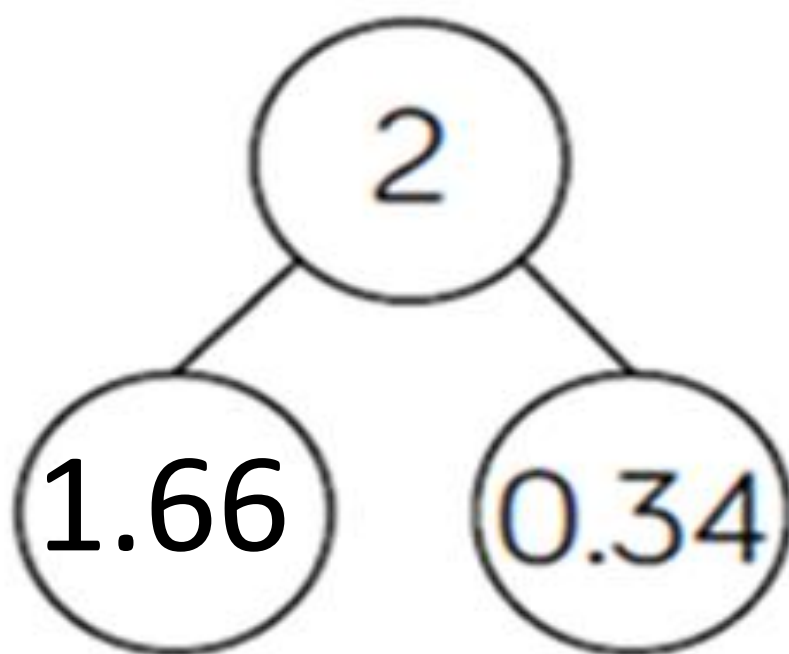
Let's
RECAP

Complete the part whole model...



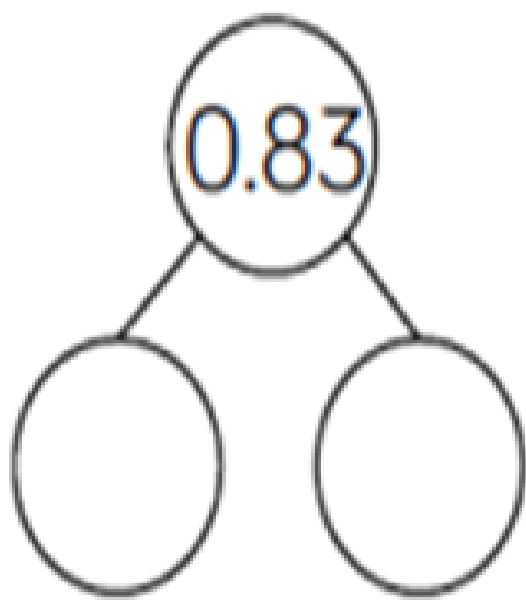
Let's
Recap

Complete the part whole model...

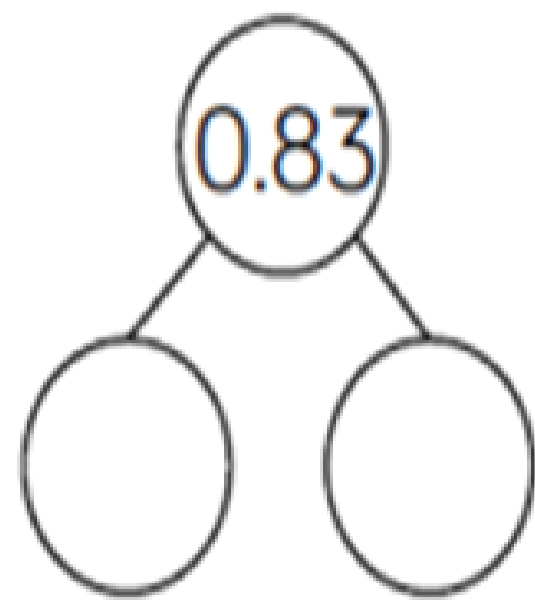


Let's
Recap

Complete the part whole models...





$$0.83 = \underline{0.8} + 0.03$$



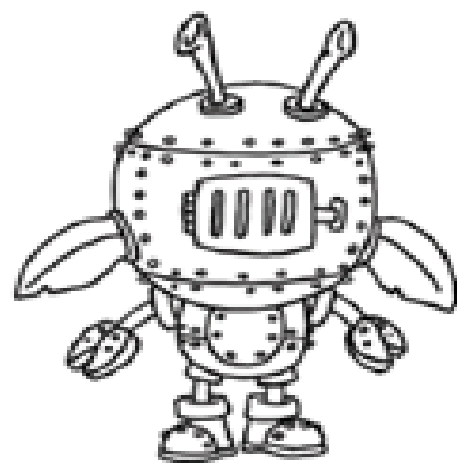
$$0.83 = 0.7 + \underline{0.13}$$

Write down the decimal
represented in the place value grid

Ones	Tenths	Hundredths
 	  	 

1.32

Order the heights (decimals) of the monsters in ascending order...



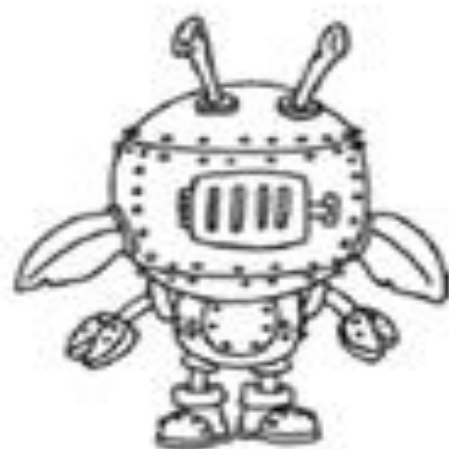
1.1m



2.1m



1.8m



1.1m

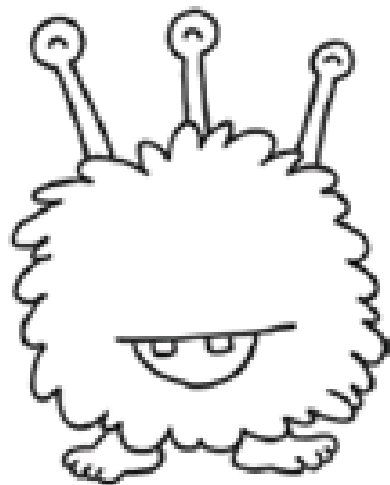


1.8m

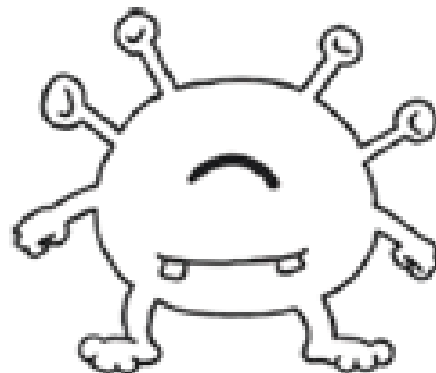


2.1m

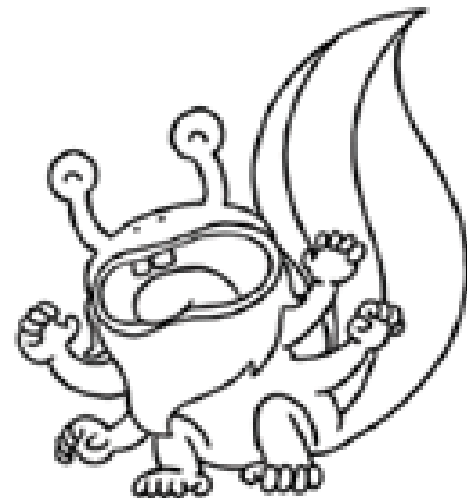
Order the heights (decimals) of the monsters in descending order...



0.9m



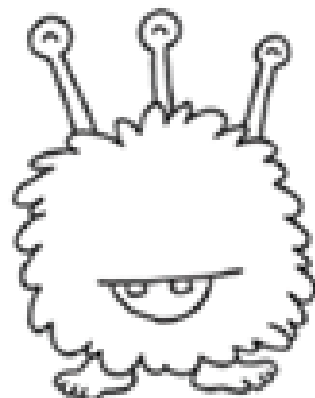
0.6m



1.6m



1.6m



0.9m



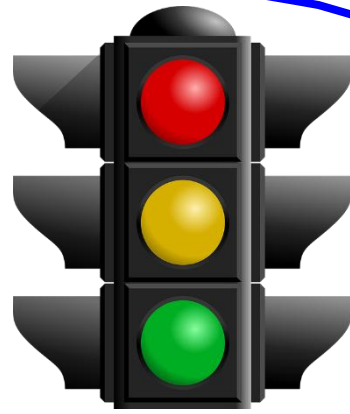
0.6m

Miss says....

**Today we are learning to
order decimals.**



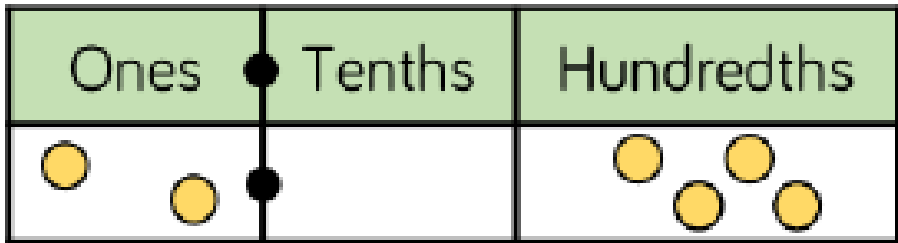
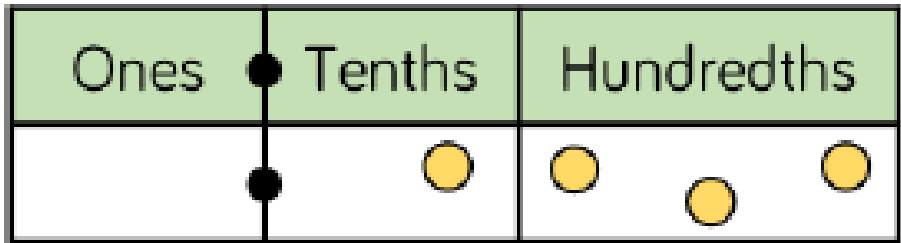
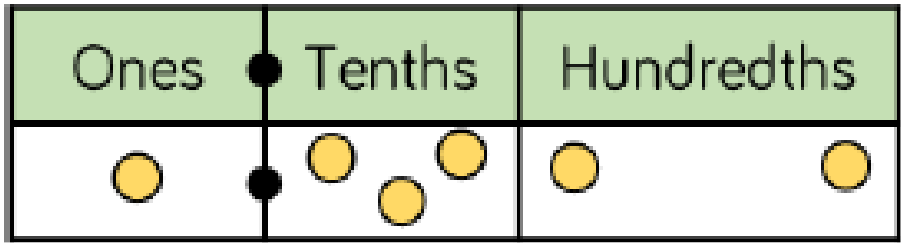
What will my success criteria look like?



- I can read a problem
- I can identify the key information needed to solve the problem
- I can decide what strategy I need to use to solve the problem
- I can solve the problem and check my answer



Write down the decimals represented in the place value grid and then place them in ascending order.



Place the numbers in descending order.

46.2

9.64

46.02

40.46

Spot the Mistake

Rosie is ordering some numbers in ascending order:



0.09 < 0.99 < 10.01 < 1.35 < 9.09

Can you explain her mistake?

Some children have planted sunflowers and have measured their heights.

Child	Height
Beth	1.23 m
Tony	0.95 m
Rachel	1.02 m
Kate	1.2 m
Faye	99 cm
Emma	0.97 m



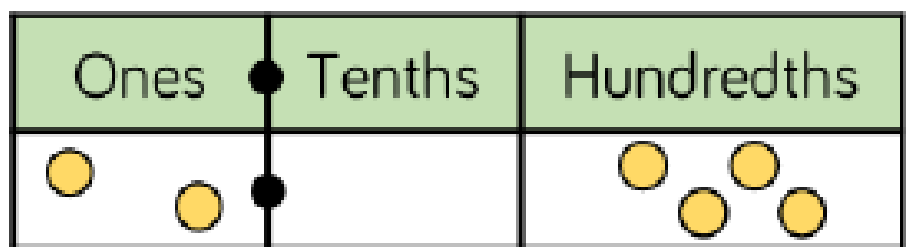
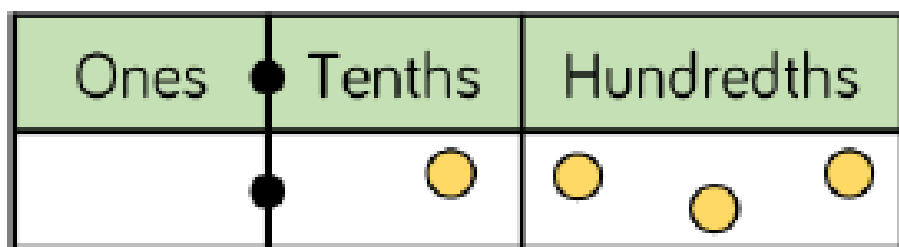
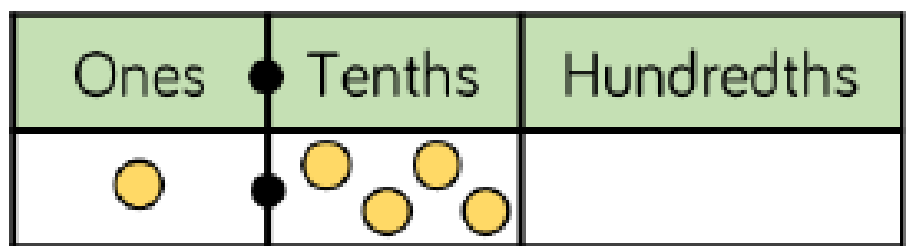
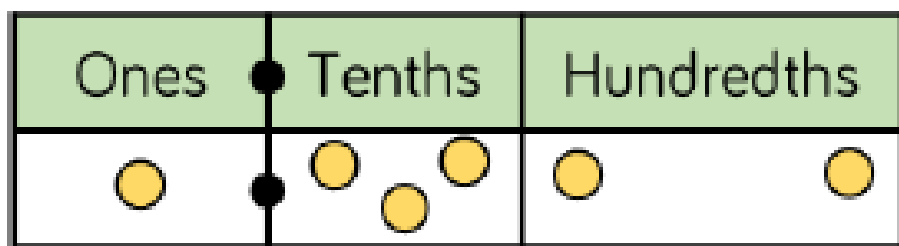
Order the children based on the heights of their sunflowers in both ascending and descending order.

When you have completed your work
look at the next pages to check your
answers.



ANSWER

Write down the decimals represented in the place value grid and then place them in ascending order.



Place the numbers in descending order.

46.2

9.64

46.02

40.46

Spot the Mistake

Rosie is ordering some numbers in ascending order:



$$0.09 < 0.99 < 10.01 < 1.35 < 9.09$$

Can you explain her mistake?

Rosie hasn't considered the place value of the digits in the numbers and has just ordered by comparing individual digits left to right.

Some children have planted sunflowers and have measured their heights.

Child	Height
Beth	1.23 m
Tony	0.95 m
Rachel	1.02 m
Kate	1.2 m
Faye	99 cm
Emma	0.97 m



Order the children based on the heights of their sunflowers in both ascending and descending order.

Ascending:
Tony, Emma, Faye,
Rachel, Kate, Beth

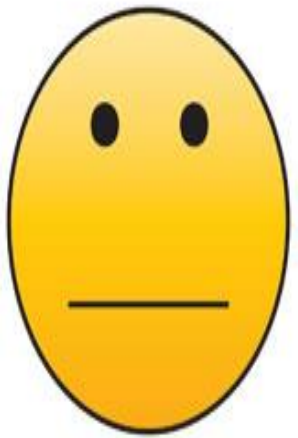
Descending:
Beth, Kate, Rachel,
Faye, Emma, Tony

Plenary



I can do this!

**Check your
work!!**



I'm getting there.

**Did you meet the
learning
objective?**



I need help!

**Self assess- How
did you find the
work today?**