



GRADES

Helping With Math

Decimals in a Number Line

Suitable for students aged 8-10



This pack is suitable for learners aged 8-10 years old or 4th and 5th graders (USA). The content covers fact files and relevant basic and advanced activities involving decimals in a number line.



What is a number line?

A number line is a line that represents numbers that are arranged in ascending order, meaning, least to greatest. This line also extends from the middle, going to the left and to the right.



CREATING NUMBER LINES WITH DECIMALS



How to create number lines with decimals?

- In creating number lines with *tenths*, first we divide the line into 10 equally spaced segments just like the figure below.
- Start with the least number on the left. The decimal numbers increase to the right until the next whole number.











TABLE OF ACTIVITIES

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IT'S RAINING GIFTS!

G4

Basic

Let's unbox your birthday gifts! Before that, answer the following first. Fill in the missing decimals according the increment stated below.



BIRTHDAY VENUE



I'm lost! I can't find the way to the birthday venue. Help me by answering the following. Arrange the decimals in the number line. Write your answers on the lines provided.





COMPLETING THE 18 GIFTS

G4 Basic

Complete the 18 gifts to be given to the birthday celebrant by writing the missing decimals in between the first and last numbers then plot the decimal that is being stated below. Write your answers below the number line.



BIRTHDAY COSTUME



Help me decide what costume should I wear for my friend's upcoming birthday party. Create a number line by following the instructions below. Write your answers on the lines provided.



WHERE IS THE BIRTHDAY CELEBRANT?

G4 Basic

The birthday celebrant is missing! It's time for her to show up. Help me locate her by locating the decimals stated below. Complete the number line and mark the decimals that are stated below. Number 1 is for your reference.





LOTS OF BALLOONS!

There's a lot of birthday balloons! Do you want to bring one home? You can get one if you can identify the decimal numbers which correspond to the following letters below. Write your answers on the space provided.







Come and join the birthday games to win exciting prizes! To join, fill in the missing boxes with the correct decimal numbers. Write your answers on the space provided.



DRAWING TIME!

It's John's birthday and his parents prepared a drawing activity. Participate in the drawing activity by drawing the correct shape for each decimal number below. Draw your answers on the space provided.





ANSWER GUIDE













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