

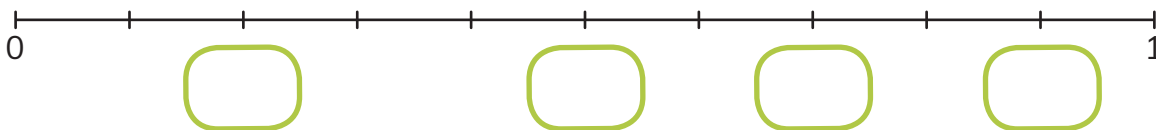
Convert fractions to decimals and vice-versa. Plot decimals on a number line.

CCSS.MATH.CONTENT.4.NF.C.6 | G4M5C29

Glam Fades, the star stylist of Plus Minus Studios, is impressed by your work on Math-a-Girl superhero. Now, he needs your help in creating an alternate look for her.

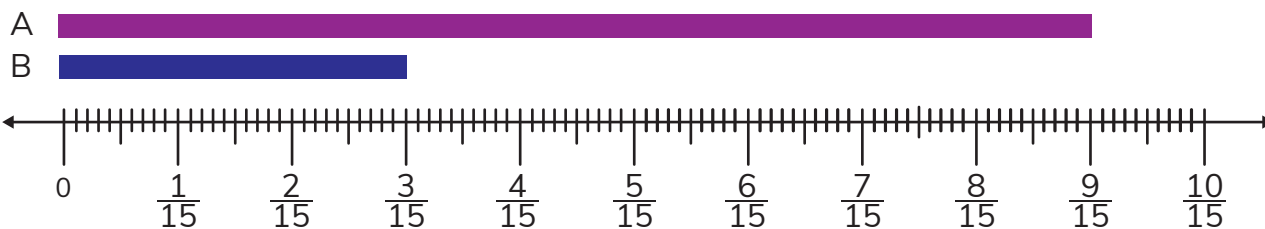
1

Glam needs an additional $\frac{2}{10}$ unit of cloth for stitching the shirt for Math-a-Girl superhero. He needs your help to decide where exactly to cut the cloth. Check ☒ the correct box which shows $\frac{2}{10}$ on the number line given below.



2

Glam selects a purple ribbon and a blue ribbon for Math-a-Girl's hair accessories. The lengths of the ribbons are shown on the number line below. Convert these lengths to their decimal forms and write your answers in the boxes given below.



Length of purple ribbon = units

Length of blue ribbon = units

3

Glam shortens Math-a-Girl's superhero cape by $\frac{3}{10}$. Check ☒ the correct box which shows the decimal value of $\frac{3}{10}$ on the number line given below.

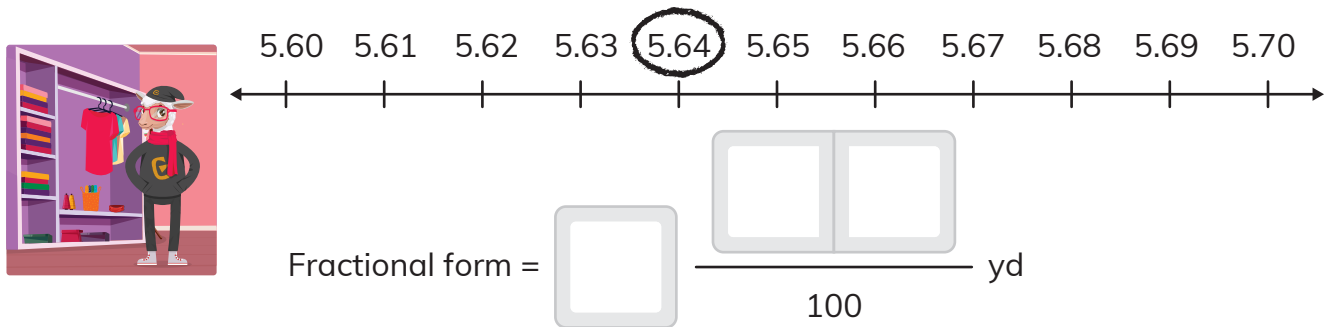


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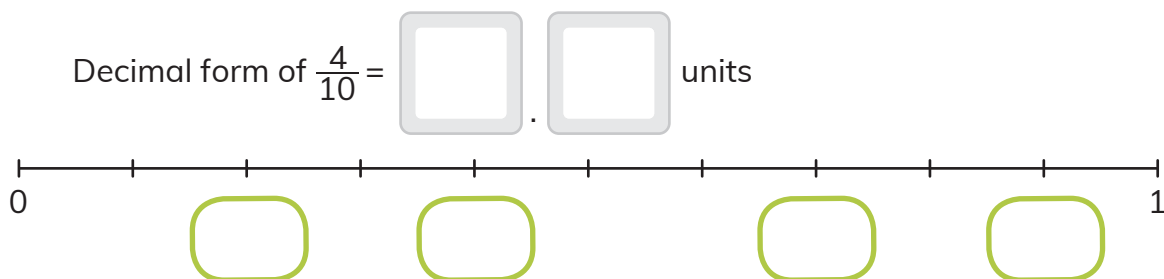
4

Glam wants to know how much of the cloth to use for Math-a-Girl's costume. The length of the cloth (in yards) is given in its decimal form on the number line below. Write its fractional form in the boxes given below.






5

Glam uses $\frac{4}{10}$ units of a fabric to make an accessory for Math-a-Girl. Write $\frac{4}{10}$ in its decimal form in the boxes given below. Also, check ☒ the box that shows this decimal form on the number line.



6

Glam Fades wants to use seventy-one thousandths units of the green cloth. Help him write seventy-one thousandths units. Write your answer in the boxes given below.


Ones Tenths Hundredths Thousandths



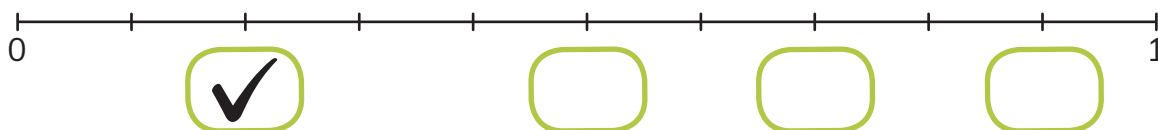
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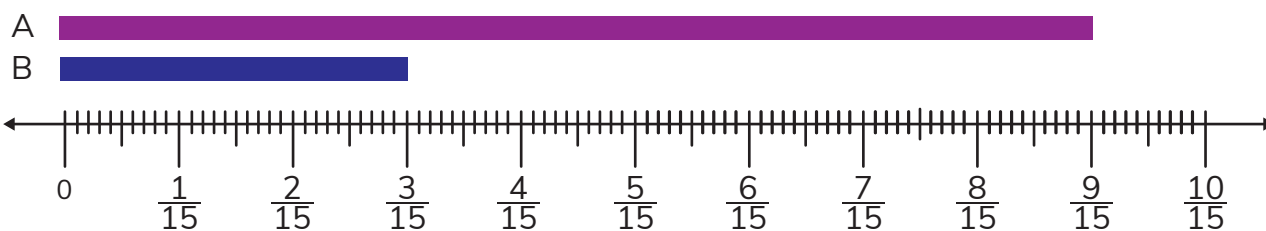
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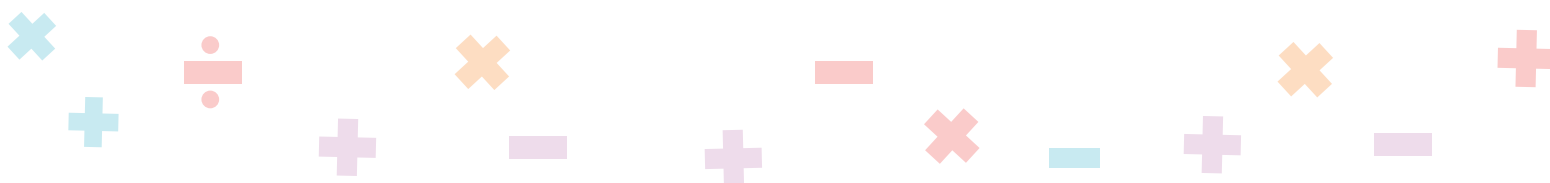


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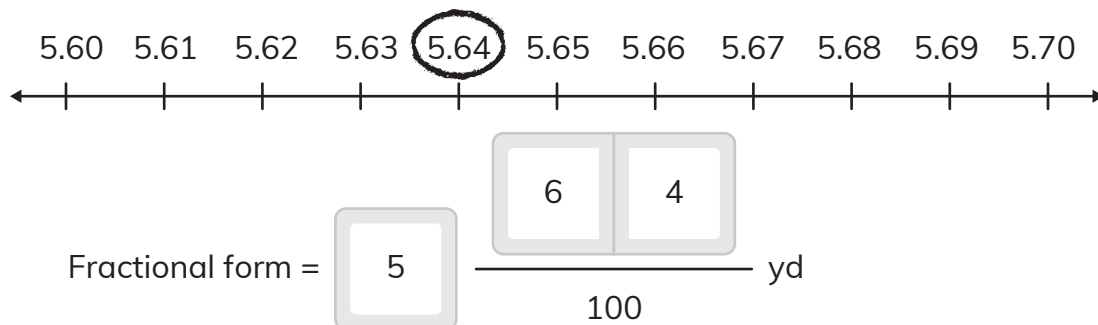


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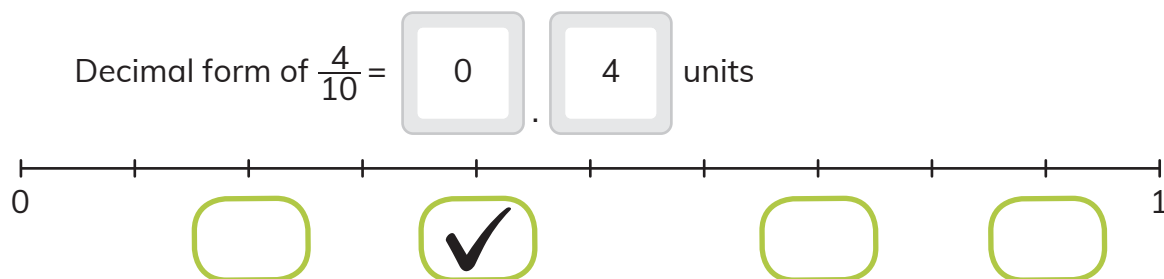
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