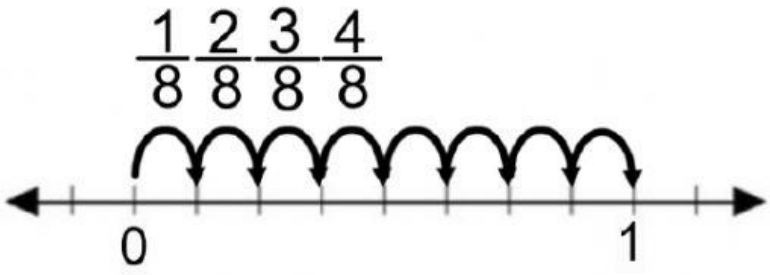
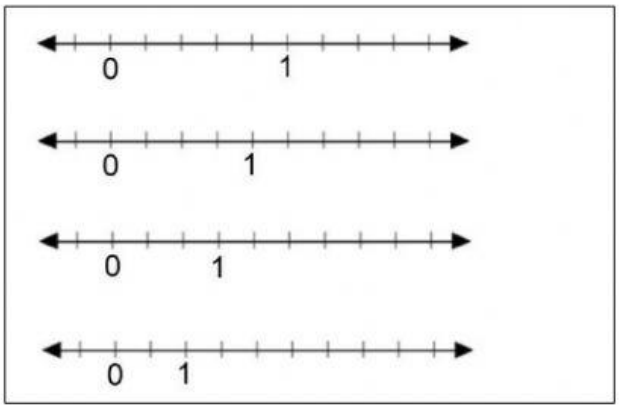
A fraction is an equal part of a whole.

1/8 means 1 out 8 equal parts.

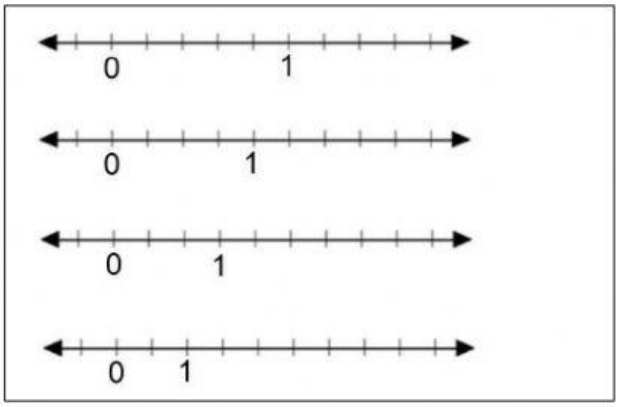
This means a shape, line or an object has to be broken into 8 equal parts



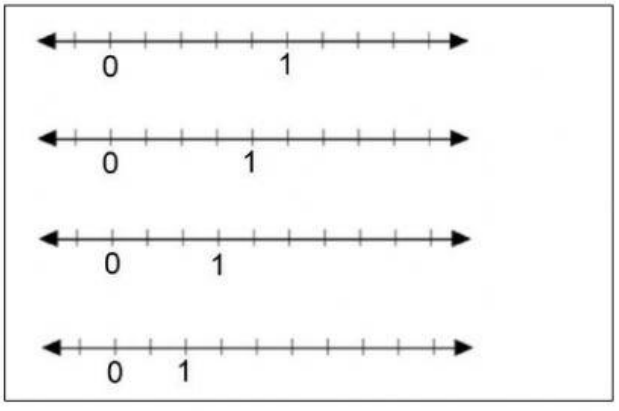
Which number-line is broken into thirds?



Which number-line is broken in fifths?

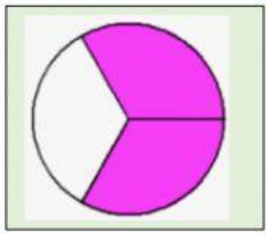


Which number-line is broken into quarters?



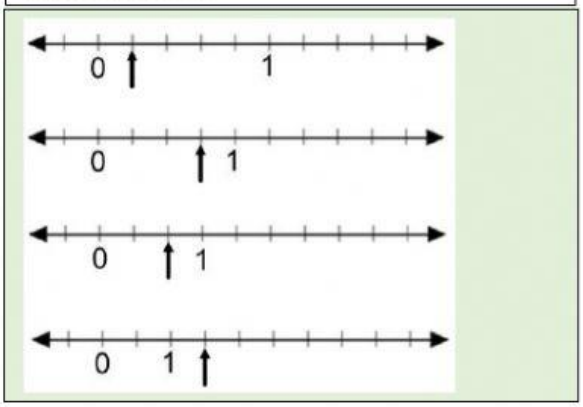
Match the **pictorial representation** of the fraction to the **number-line** that shows the same fraction.

Write the fraction?



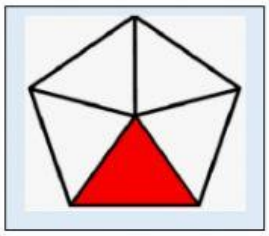
____

Which arrow is pointing to the same fraction on the number-line below?



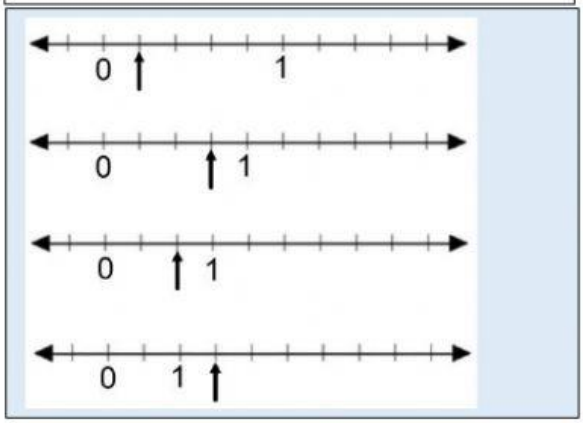
$\frac{2}{3} - \frac{1}{3} = \frac{\quad}{\quad}$

Write the fraction?



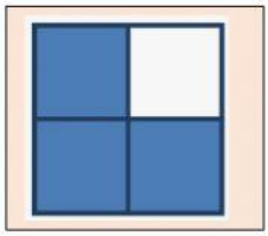
____

Which arrow is pointing to the same fraction on the number-line below?



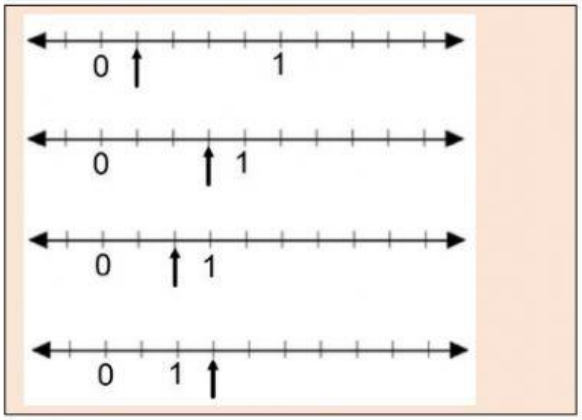
$\frac{1}{5} + \frac{2}{5} = \frac{\quad}{\quad}$

Write the fraction?



____

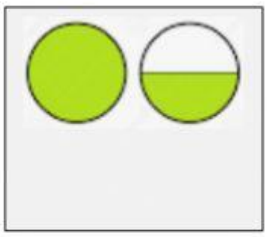
Which arrow is pointing to the same fraction on the number-line below?



$\frac{3}{4} - \frac{1}{4} = \frac{\quad}{\quad}$

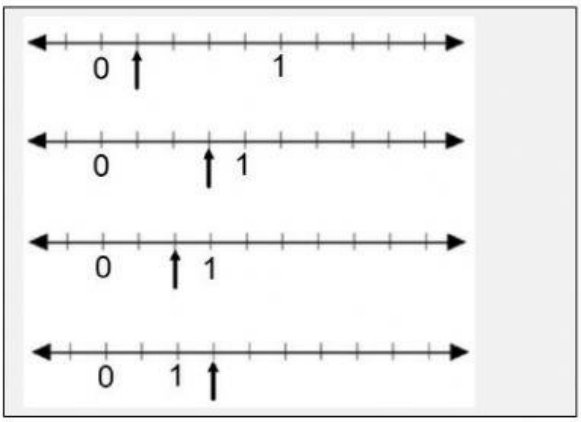
$\frac{2}{4} = \frac{\quad}{2}$

Write the fraction?



—

Which arrow is pointing to the same fraction on the number-line below?



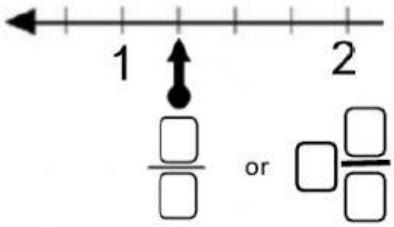
$1\frac{1}{2} + \frac{1}{2} =$

$1\frac{1}{2} - \frac{1}{2} =$

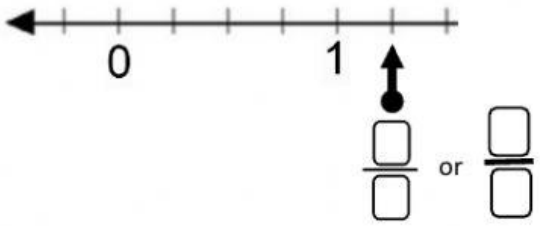
$1\frac{1}{2} + 1 =$ —

$1\frac{1}{2} - 1 =$ —

What fraction is the arrow pointing to?

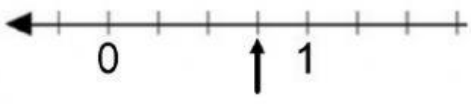


or



or

—



—

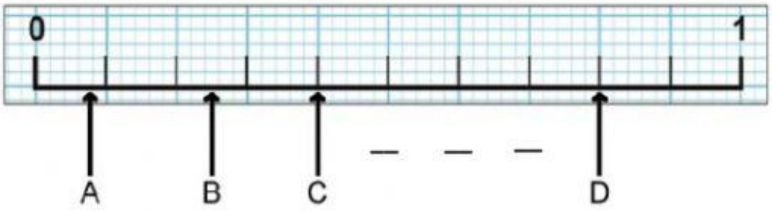
Put these fractions onto the number-line:

Only fill in the boxes that show the fractions below.

½ 4/10 1/5 3/5 1/10

— — — — — — — — —

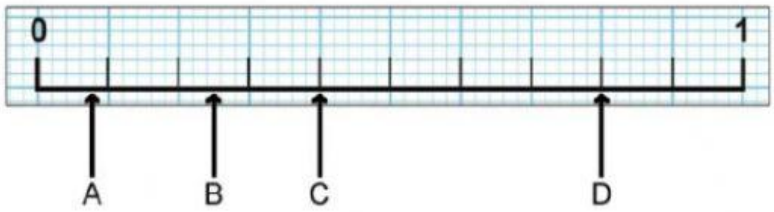
Mark where ½ is on the number-line. Which letter is closest to 1/4

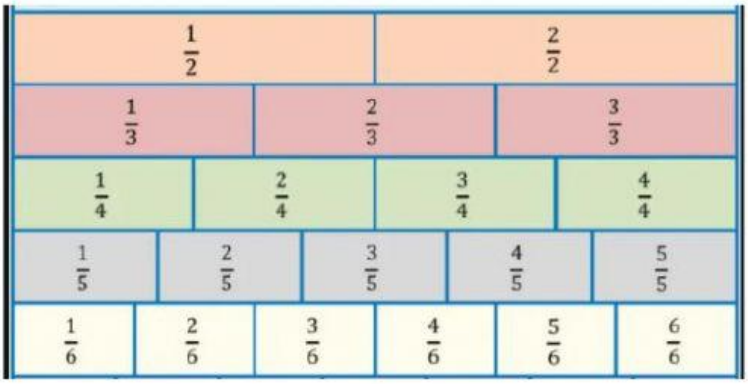


— — —

Hint ¼ is half of 1/2

Put a X where ½ is located. Which letter is closest to ¾





$\frac{1}{2}$ numerator / denominator

Which fraction is the largest

1/6 1/5 ¼ 1/3 ½

The larger/smaller the denominator, the larger the fraction.

The larger/smaller the denominator, the smaller the fraction.

Problem

Use the chart above to solve this problem.

James uses ¼ of a cup of sugar to make a cake. He then uses 1/5 of a cup of sugar to make another cake.

Which statement is true?

a/ He uses more than ½ cup of sugar.

b/ He uses ½ cup of sugar.

c/ He uses less than ½ cup of sugar.

Reasoning

¼ + ¼ = — 1/5 is than 1/4

so ¼ +1/5 must be than ½