

Name: ..... Class: .....

## Compare fractions using benchmarks

Given the fractions  $\frac{2}{4}$  and  $\frac{5}{3}$ ,

a. Compare each fraction to the benchmark 1.



b. Use the information in a to compare the two fractions.

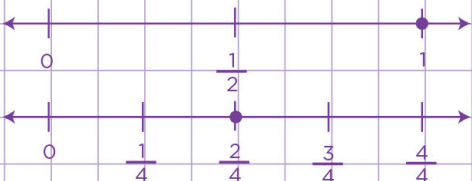
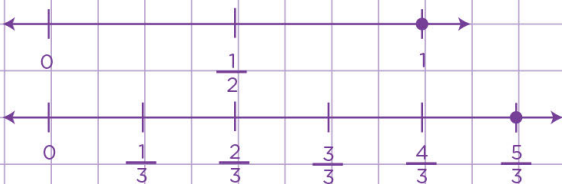


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## Compare fractions using benchmarks

Given the fractions  $\frac{2}{4}$  and  $\frac{5}{3}$ ,

a. Compare each fraction to the benchmark 1.

Firstly, let's compare  $\frac{2}{4}$  to the benchmark 1 using number lines.You see that, the point  $\frac{2}{4}$  is less than the point 1 on the number lines above.So,  $\frac{2}{4}$  is less than 1.Secondly, let's compare  $\frac{5}{3}$  to the benchmark 1 using number lines.You see that, the point  $\frac{5}{3}$  is greater than the point 1 on the number lines above.So,  $\frac{5}{3}$  is greater than 1.

b. Use the information in a to compare the two fractions.

Finally, let's use the information above to compare the two fractions.

Since  $\frac{2}{4} < 1$  and  $\frac{5}{3} > 1$ ,it implies that  $\frac{2}{4}$  is less than  $\frac{5}{3}$ .Therefore,  $\frac{2}{4} < \frac{5}{3}$ .