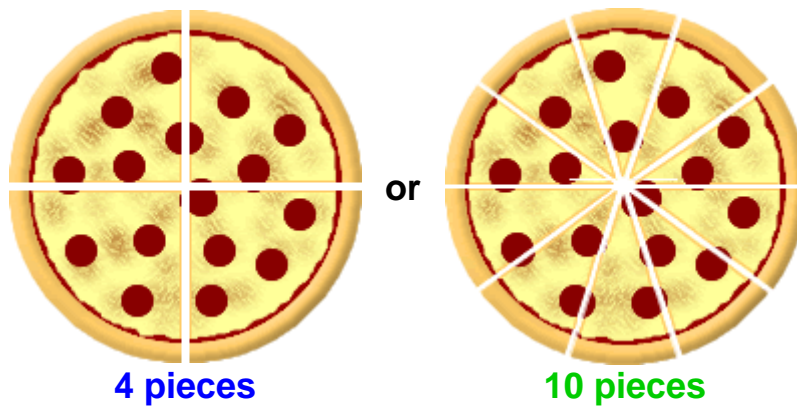


Which is greater: $\frac{1}{4}$ or $\frac{1}{10}$?

Remember that the denominator tells us how many pieces something (like a pizza) is cut into.

So... You're reeeeeeeally hungry...

You can have 1 piece of one of these pizzas:



Which do you want?

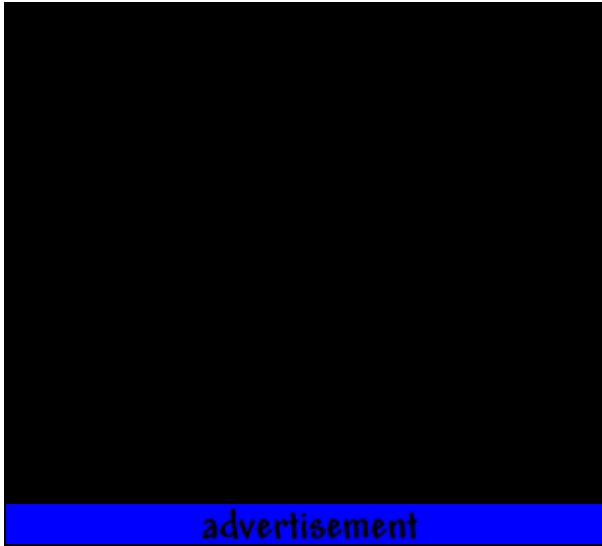
$\frac{1}{4}$ of a pizza is WAY bigger than $\frac{1}{10}$ of a pizza!

$$\text{So } \frac{1}{4} > \frac{1}{10}$$

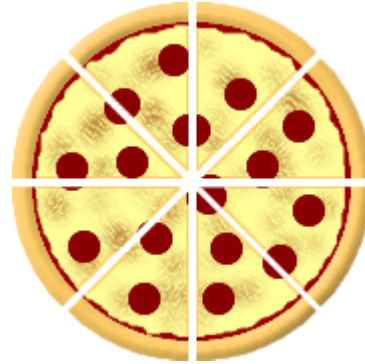
How about this one:

Which is greater: $\frac{3}{8}$ or $\frac{7}{8}$?

Let's think of a pizza again - mostly, because I like pizza. Ok, back to the math.



The denominators are both 8, so let's look at a pizza cut into 8 pieces:



You're SUPER hungry... Do you want **3** pieces? Or **7** pieces?

7 is WAY more!

$$\text{So } \frac{3}{8} < \frac{7}{8}$$

Sometimes, you can tell just by using your head!

Which is greater: $\frac{2}{9}$ or $\frac{8}{7}$?

Hmm... $\frac{2}{9}$ isn't very much pizza - only **2** pieces out of **9**...

But, $\frac{8}{7}$ is MORE THAN a whole pizza. Isn't it? In fact, it's $1\frac{1}{7}$.

A whole pizza AND another slice.

$$\text{So } \frac{2}{9} < \frac{8}{7}$$