

Equal Shares

Cutting a whole into equal pieces



Scavenger Hunt

JiJi has a new cutting tool
for you to try out.

Work with a partner to learn
how this new tool works.





What Does It Do?

Let's see what you discovered!



Cutting Equal Shares

JiJi is making pizzas.

Use the cutting tool to help JiJi find all the ways to cut pizzas equally into:



2 slices

4 slices

8 slices



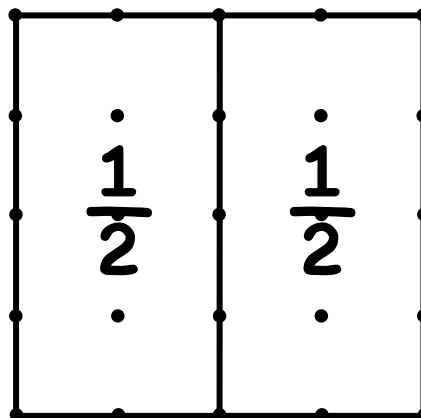
Cutting Equal Shares

Use the worksheet to record the ways
you cut the pizza:

2 equal shares

4 equal shares

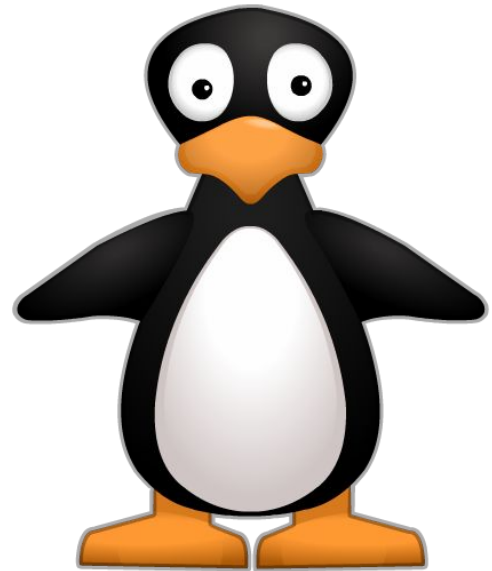
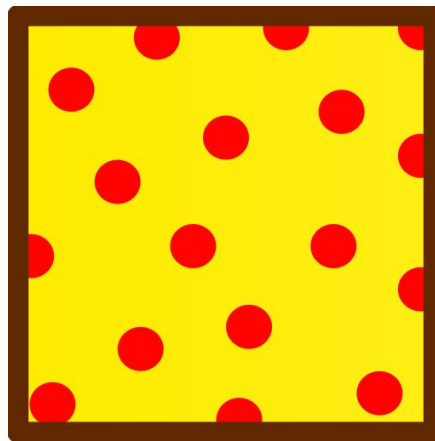
8 equal shares





Share Solutions

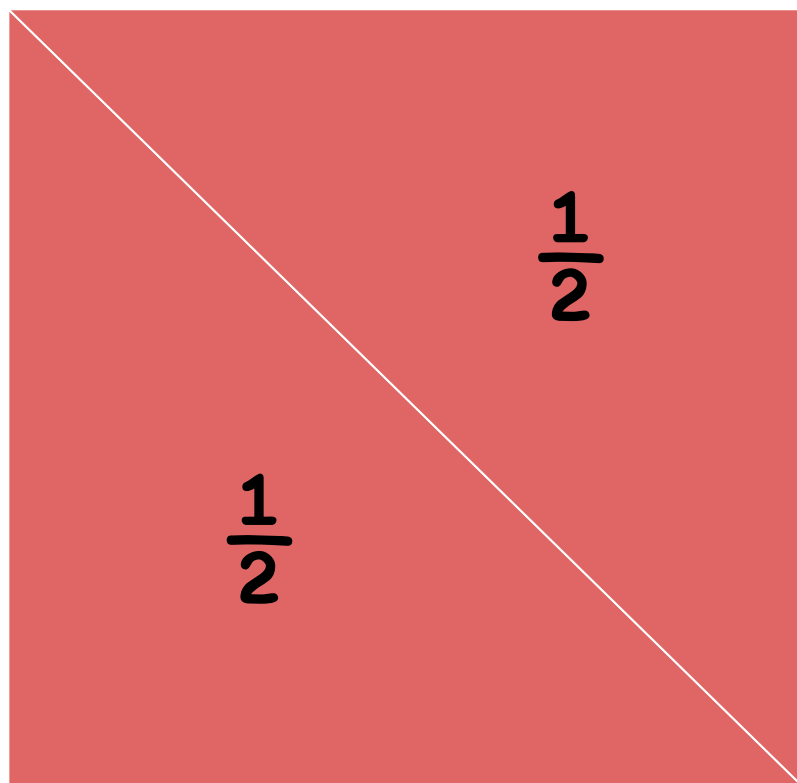
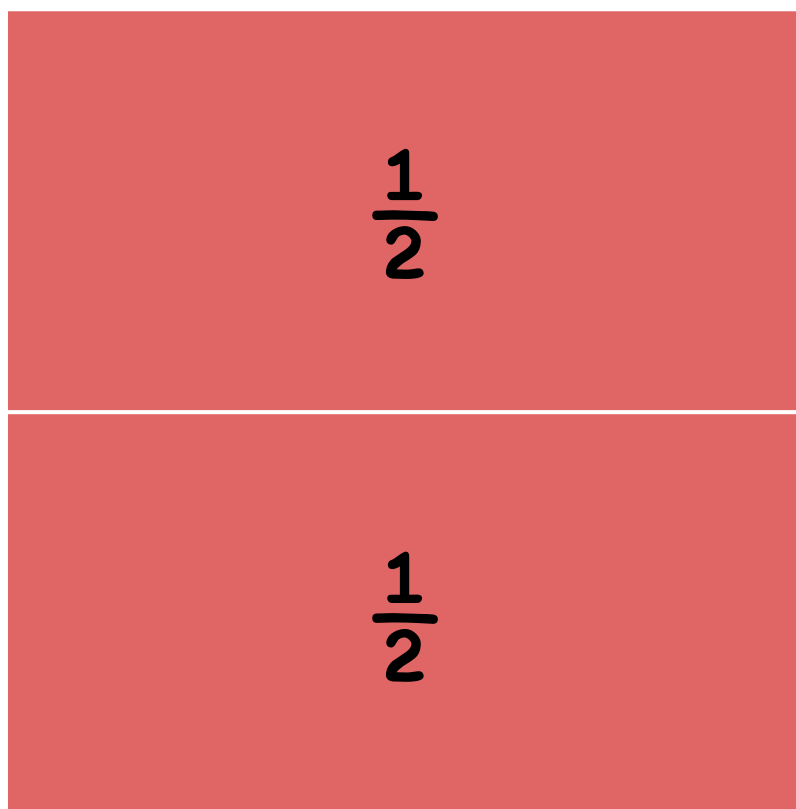
Model ways to cut the whole
into 2 equal shares.





Summarize

Each square has been cut into halves.

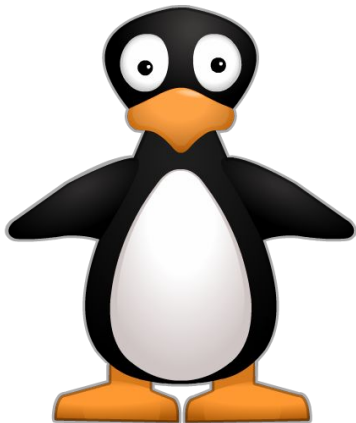
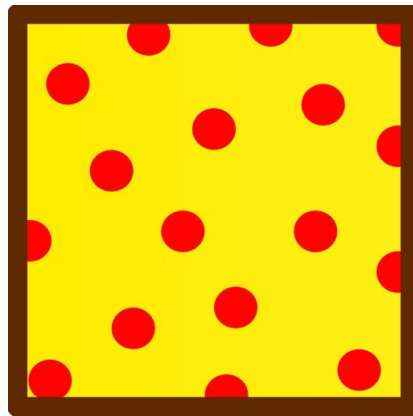
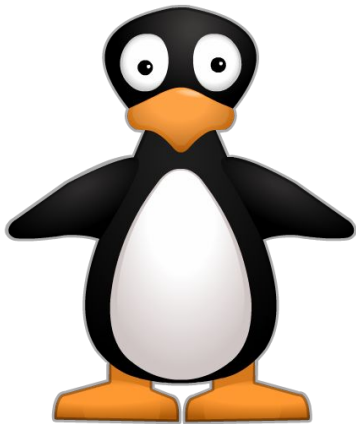


Each piece is $\frac{1}{2}$ of the whole because we divided 1 into 2 equal shares.



Share Solutions

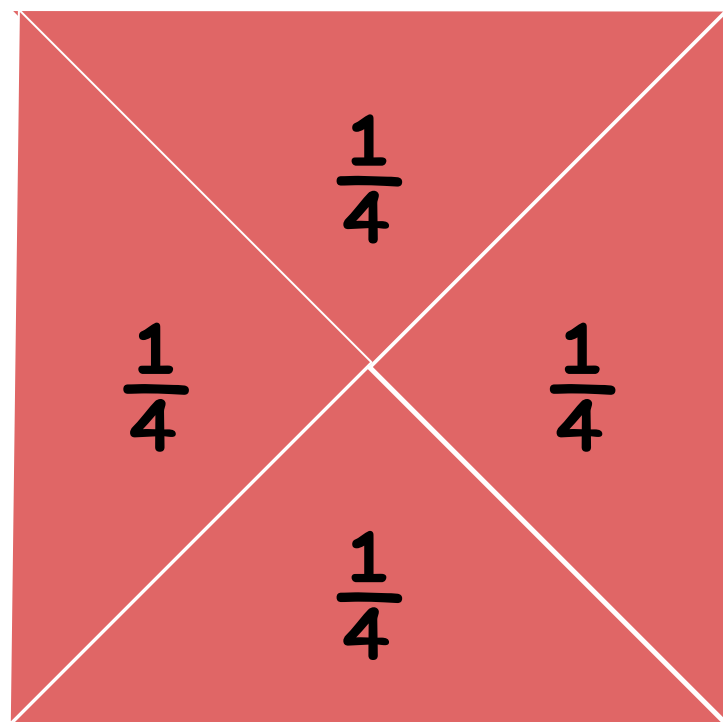
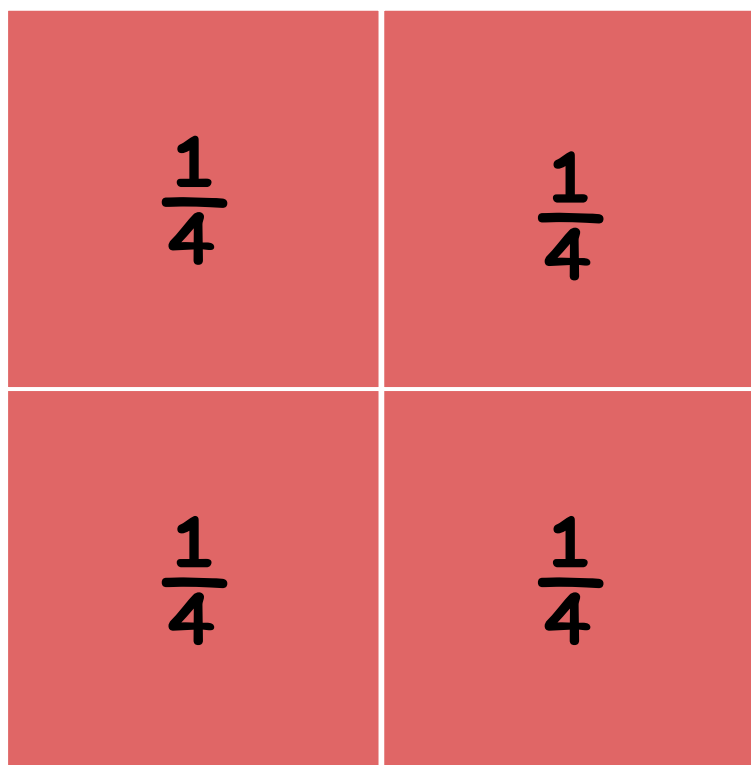
Model ways to cut the whole into 4 equal shares.





Summarize

Each square has been cut into fourths.

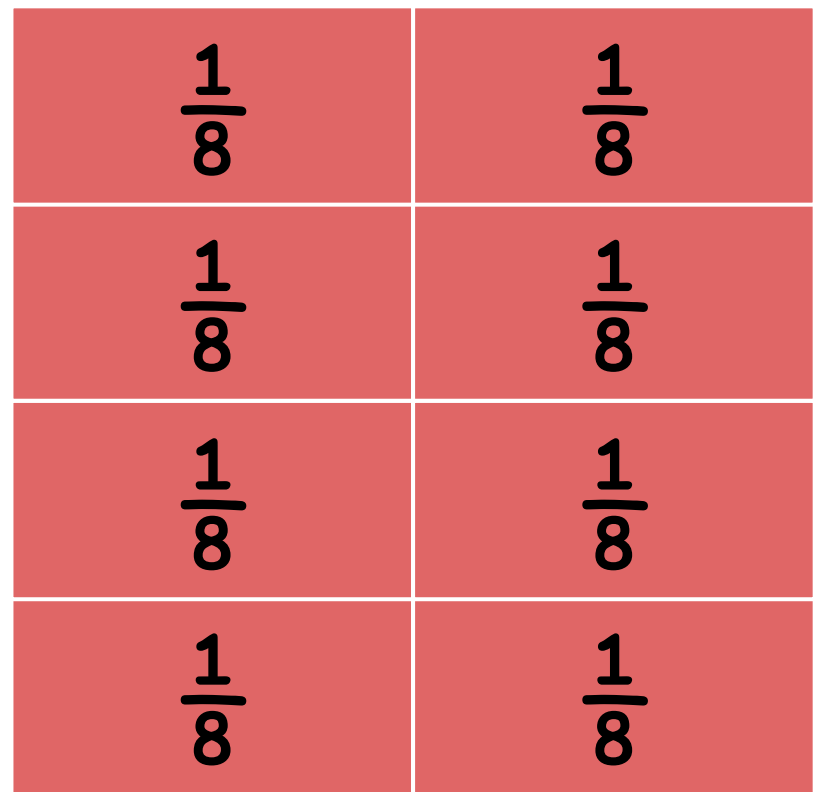
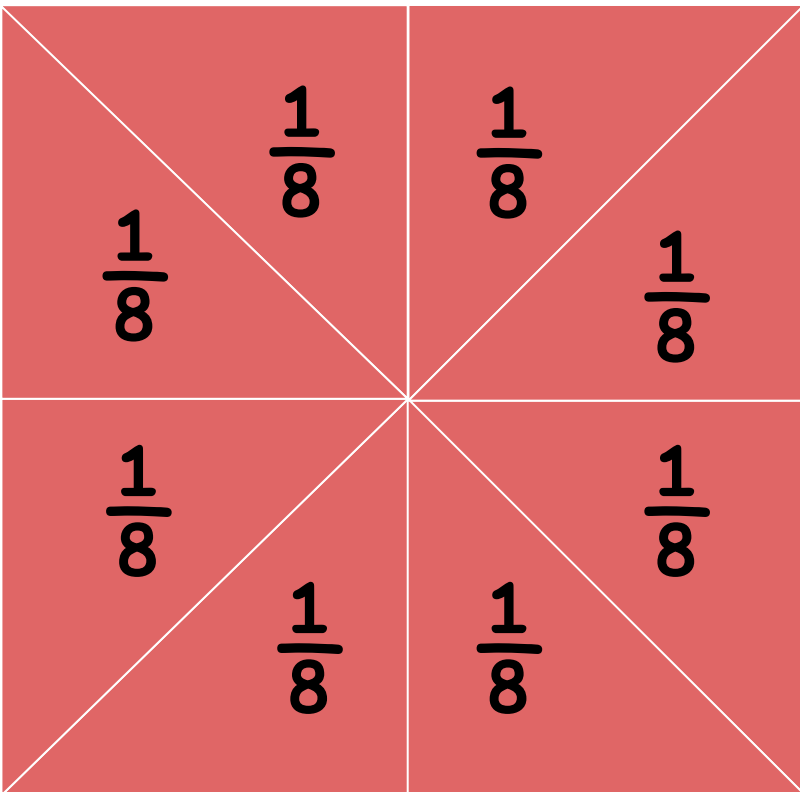


Each piece is $\frac{1}{4}$ of the whole because we divided 1 into 4 equal shares.



Summarize

Each square has been cut into eighths.



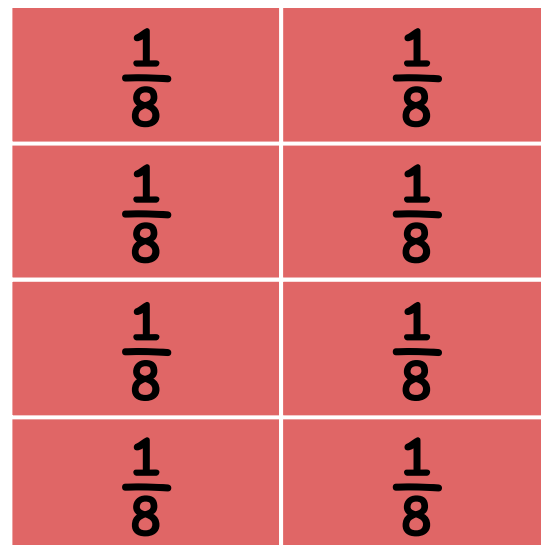
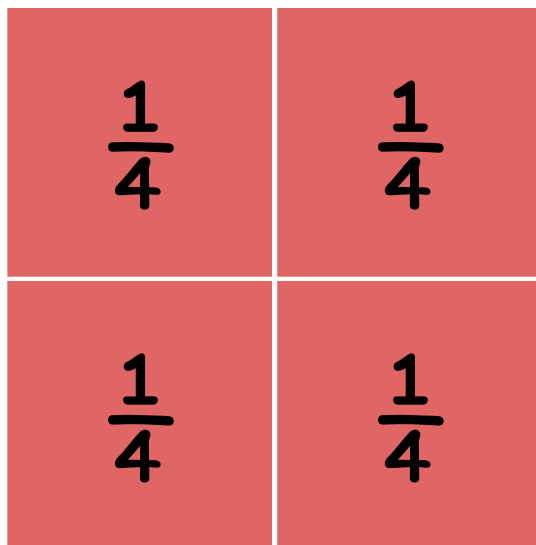
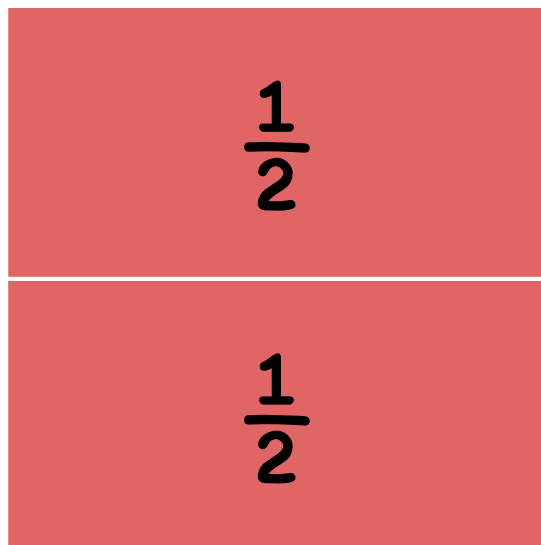
Each piece is $\frac{1}{8}$ of the whole because we divided 1 into 8 equal shares.



Fraction Patterns

(1 of 2)

What do you notice about these equal shares?





Fraction Patterns

(2 of 2)

What do you notice about these equal shares?

