Slicing Pizza

Cutting a whole square into unit fractions

Scavenger Hunt

JiJi is making pizzas.
Use the cutting tool to help JiJi cut the pizza.

- Can you make equal shares?
- What kind of shapes can you make?

Make Fair Shares

Use the cutting tool to model two ways these JiJis can share a whole pizza.
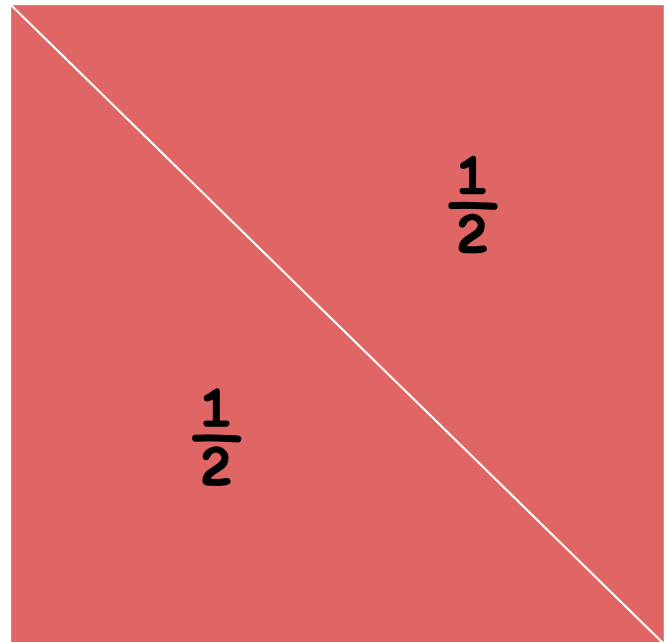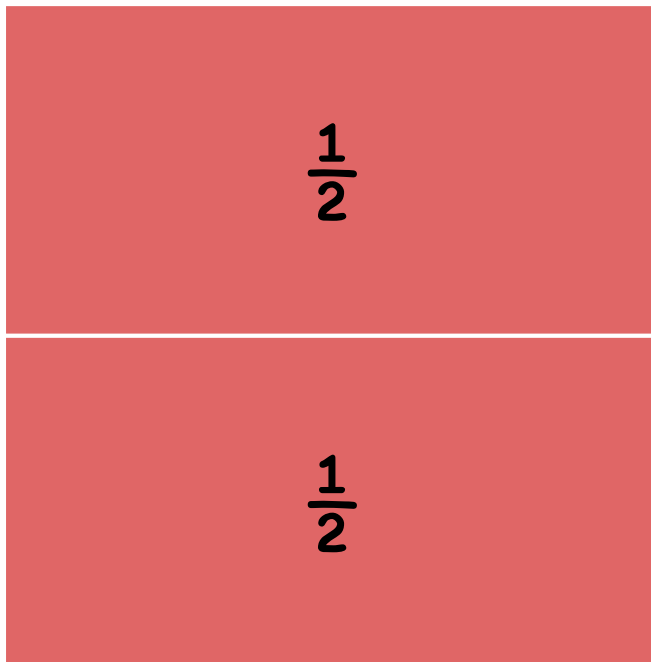
Share Different Solutions

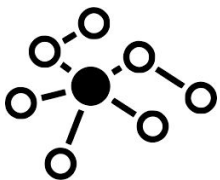Let's model ways to cut the whole pizza into 2 equal shares.
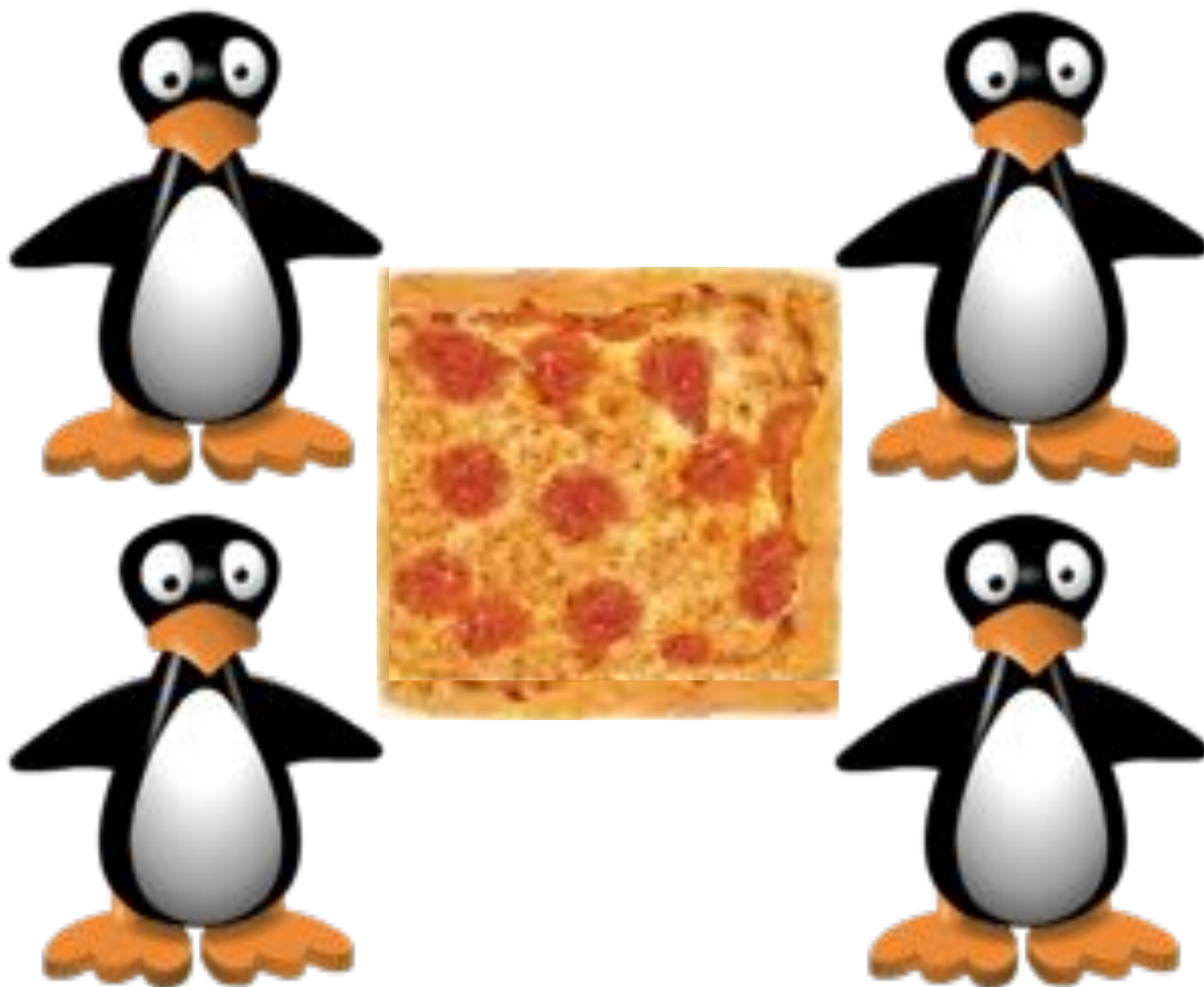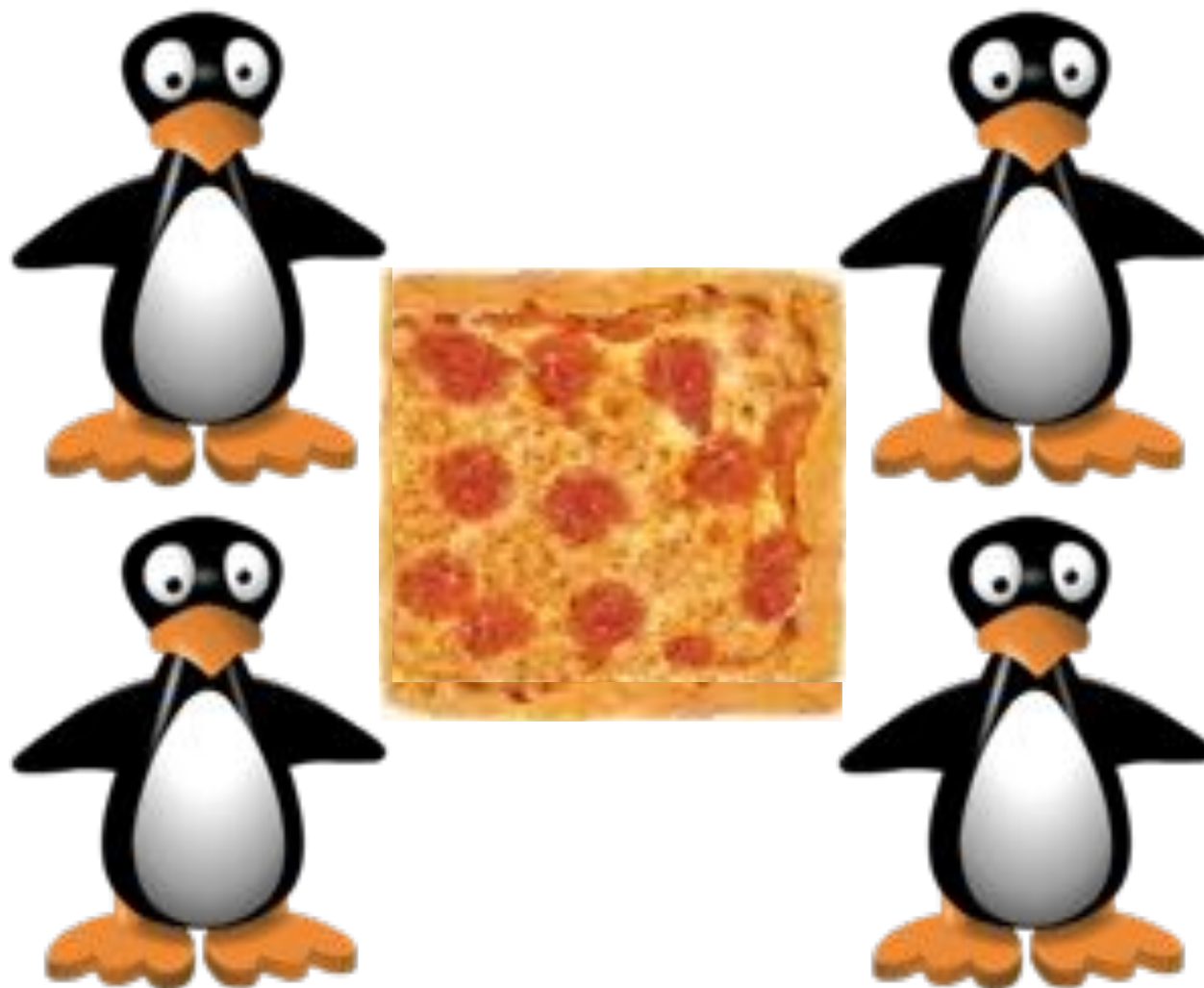
Summarize

Each square has been cut into halves.

Each piece is ½ of the whole because we divided 1 into 2 equal shares.

Make Fair Shares

Use the cutting tool to model two ways these JiJis can share a whole pizza.
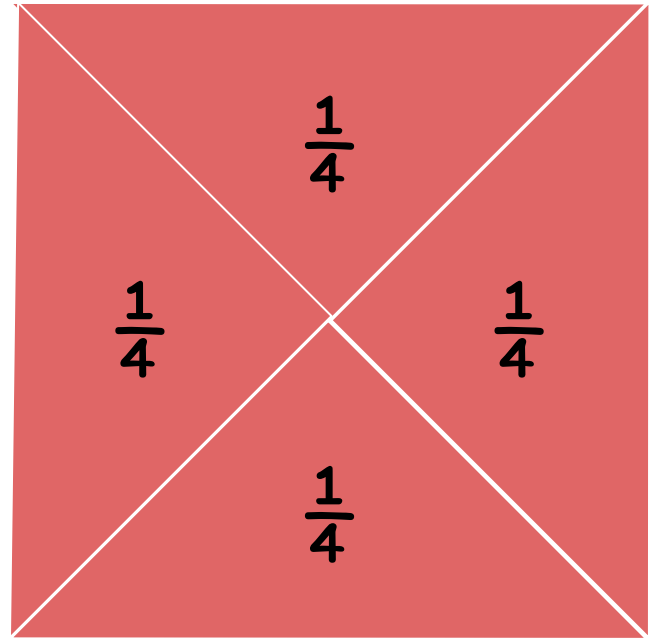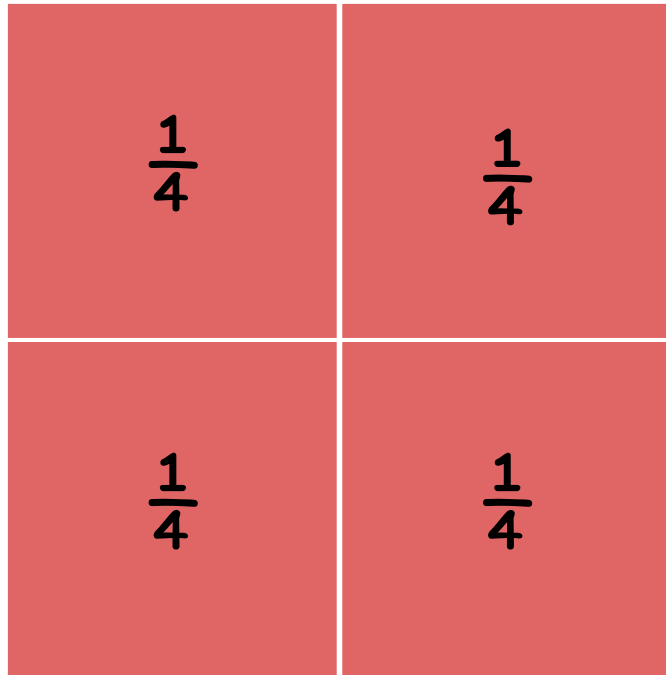
Share Different Solutions

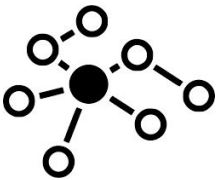Let's model ways to cut the whole pizza into 4 equal shares.
Draw the solutions on your paper.

Summarize
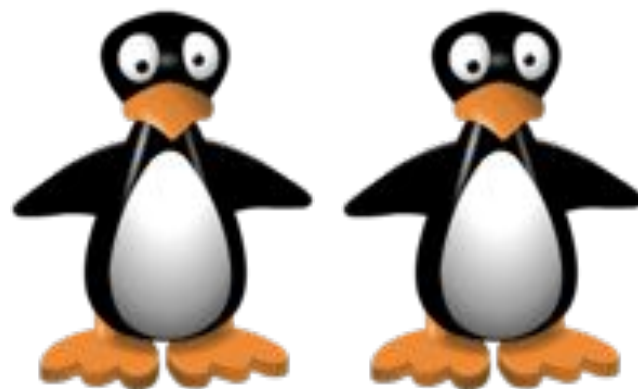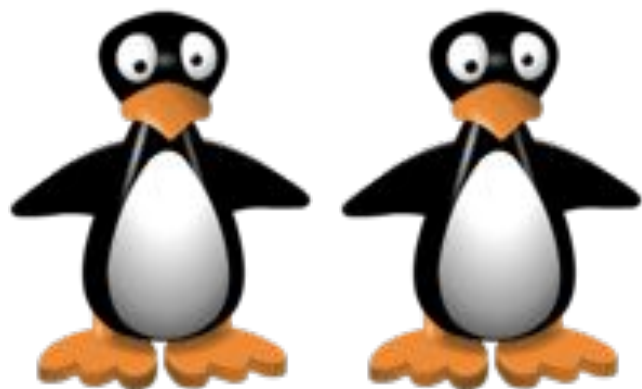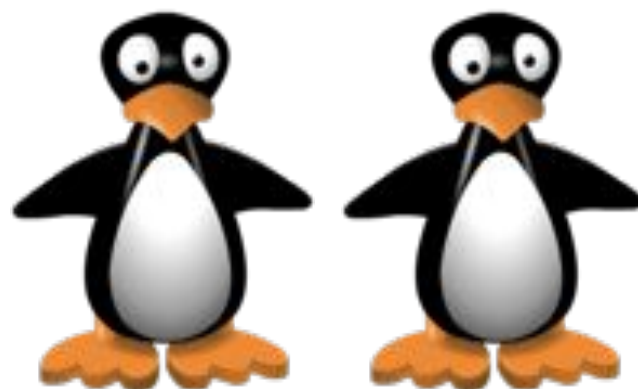
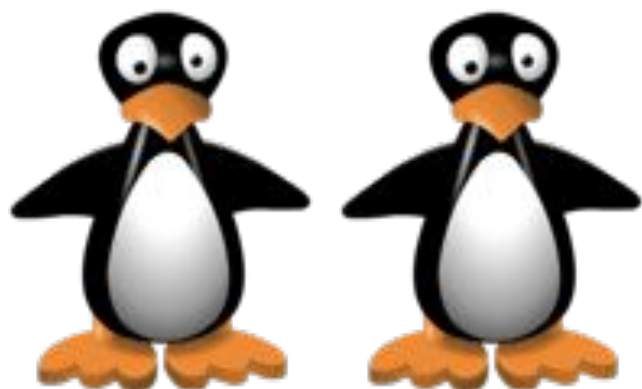Each square has been cut into fourths.

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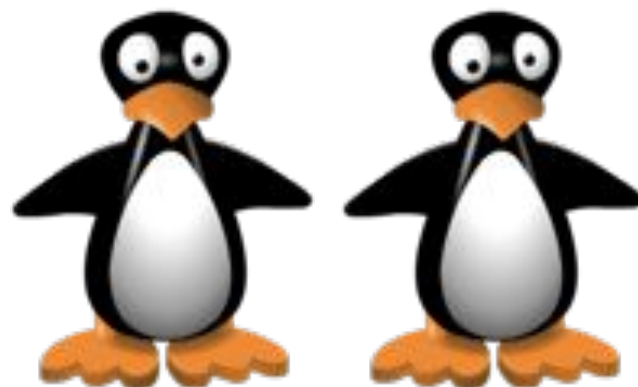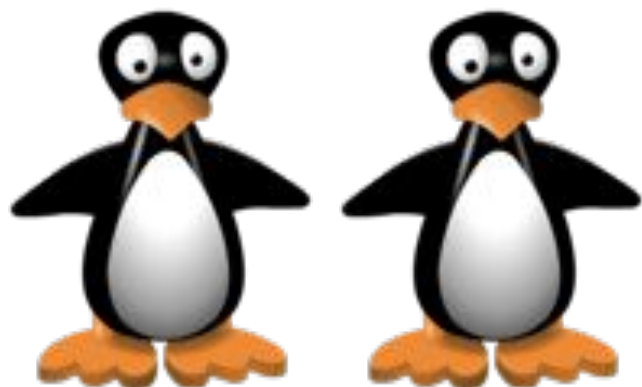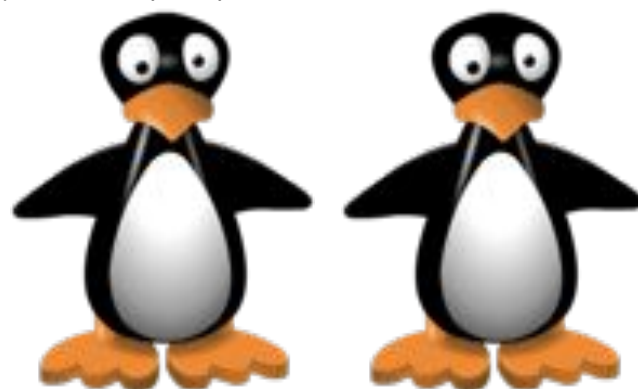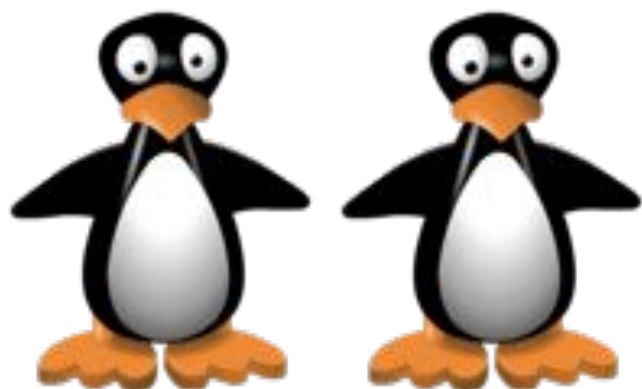
Make Fair Shares

Use the cutting tool to model two ways these JiJis can share a whole pizza.
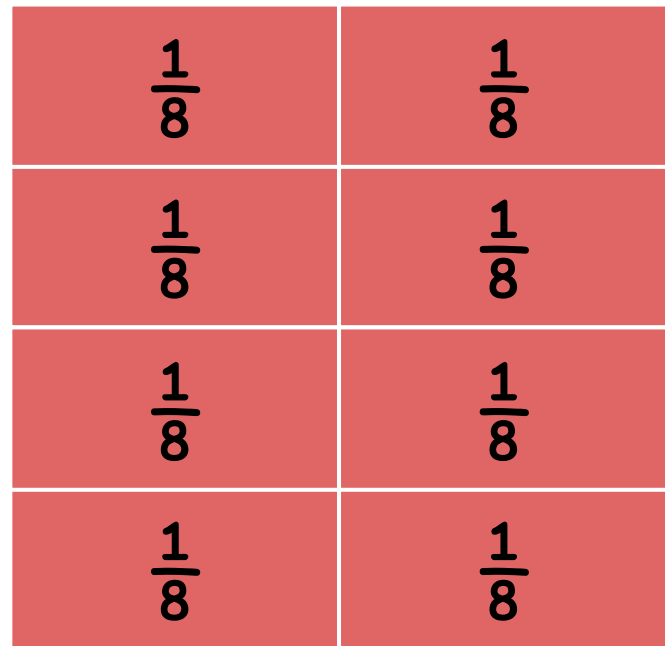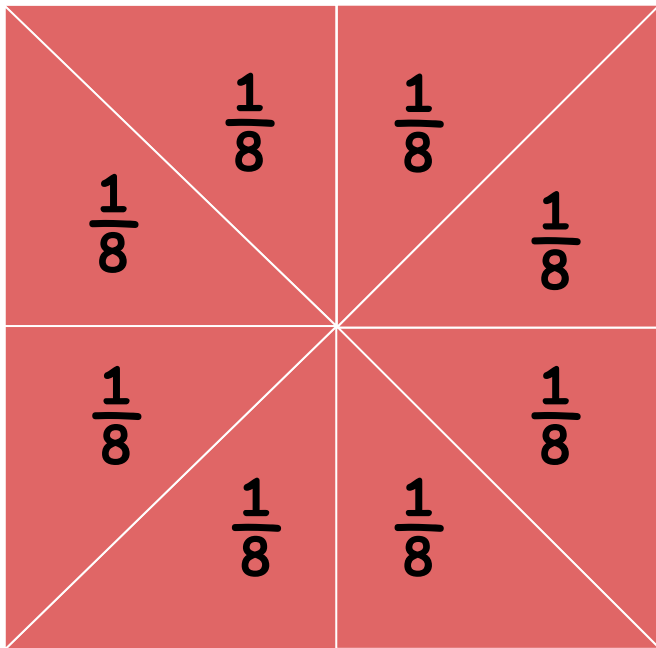
Share Different Solutions

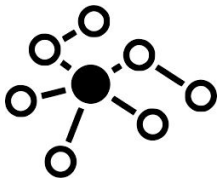Let's model ways to cut the whole pizza into 8 equal shares.
Draw the solutions on your paper.
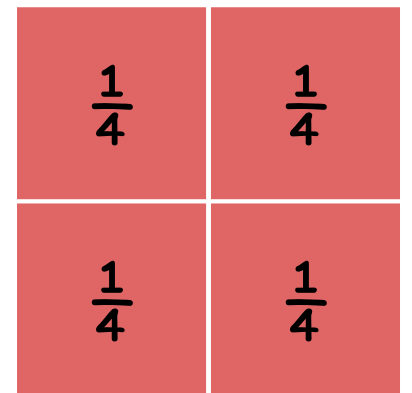
Summarize

Each square has been cut into eighths.
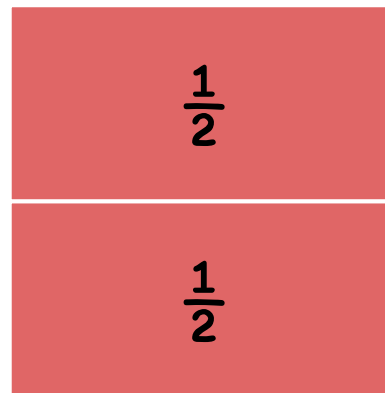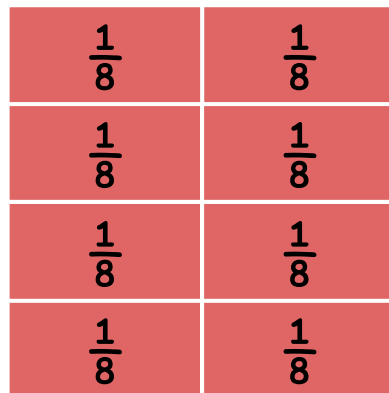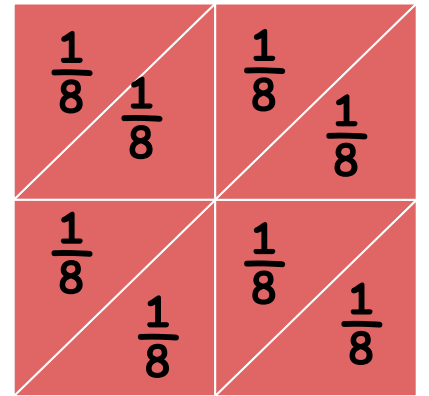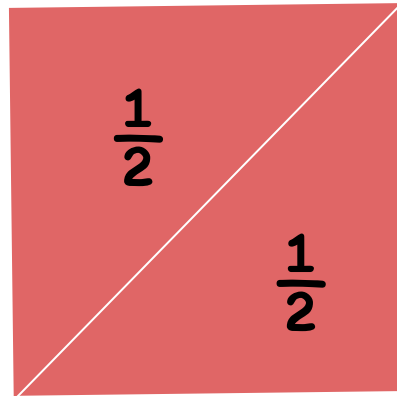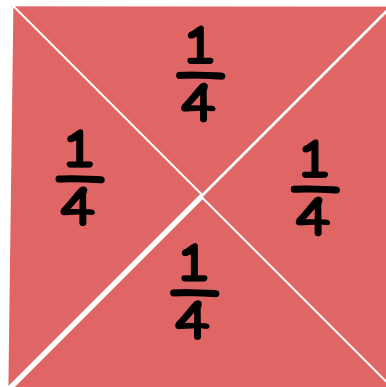

Each piece is $\frac{1}{8}$ of the whole because we divided 1 into 8 equal shares.

Observations

What do you notice about these equal shares?

What do you think?

How much of the whole square is each piece?