

Cutting Pizza



Scavenger Hunt

Cut the whole square to make
3 Triangles
3 Rectangles

Challenge

Rearrange the pieces:
Create 2 new shapes



JiJi is baking pizzas!



Show two ways JiJi can cut the pizza.



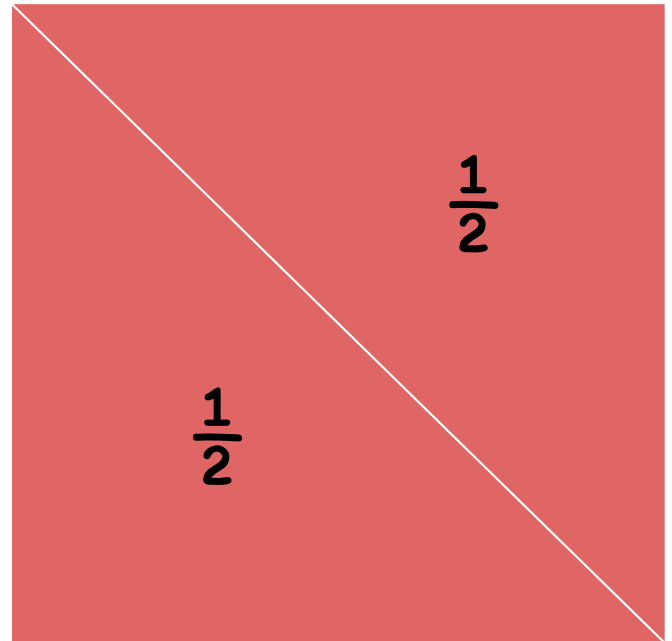
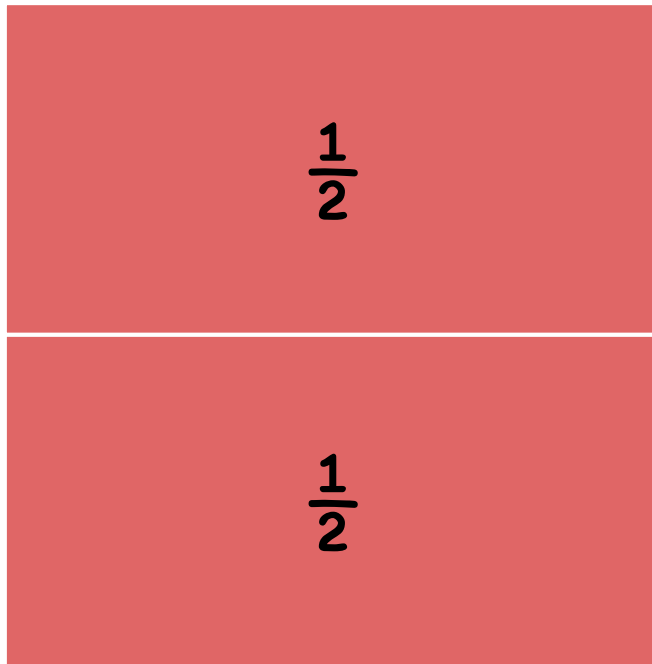


Let's model the ways we cut the whole pizza into 2 equal shares.





Each square has been cut into halves.

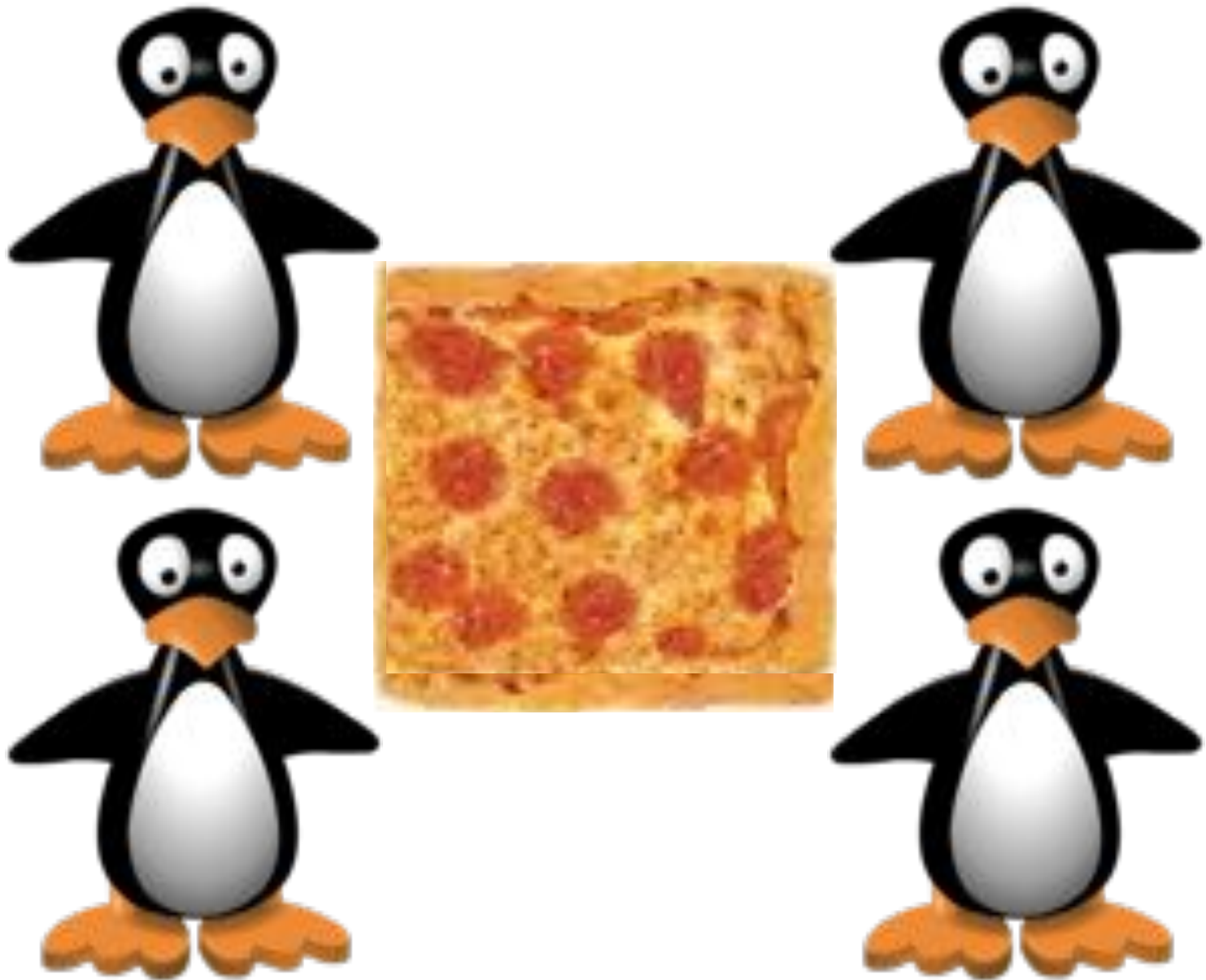


Each piece is $\frac{1}{2}$ of the whole because we divided 1 into 2 equal shares.

Show two ways JiJi can cut the pizza into 4 equal shares.

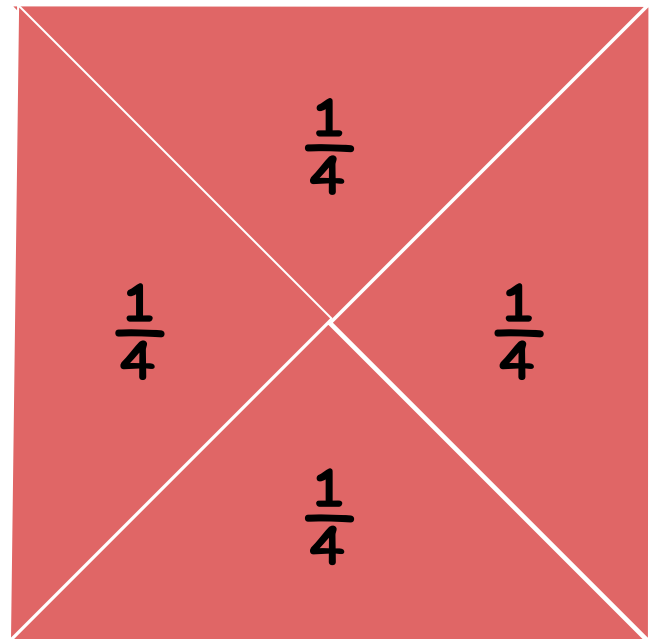
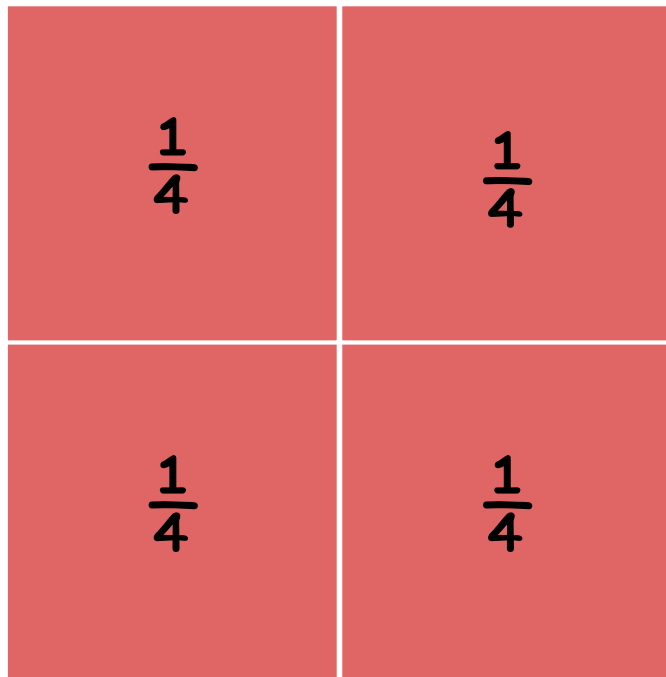


Let's model the ways we cut the whole pizza into 4 equal shares.



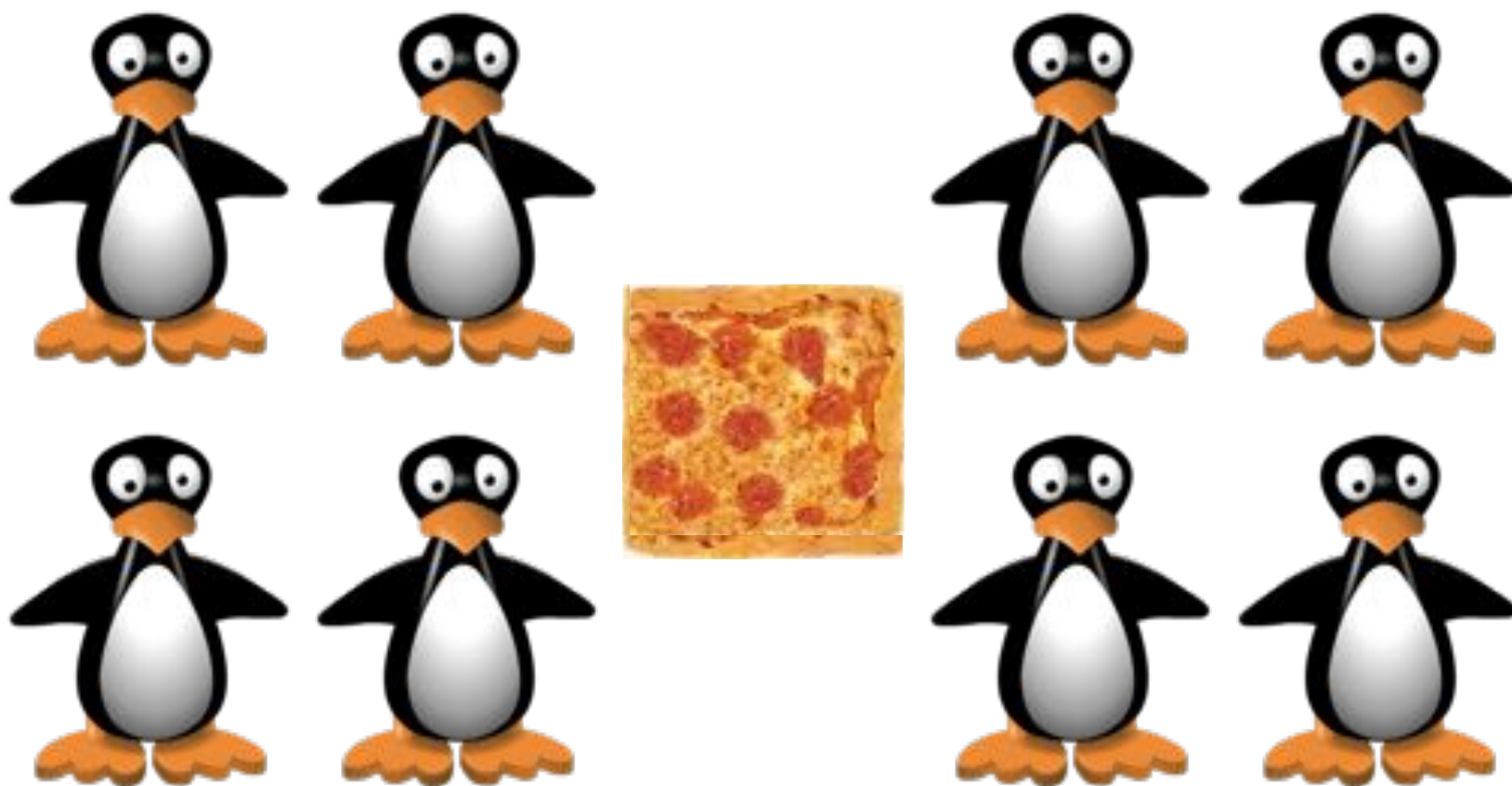


Each square has been cut into fourths.

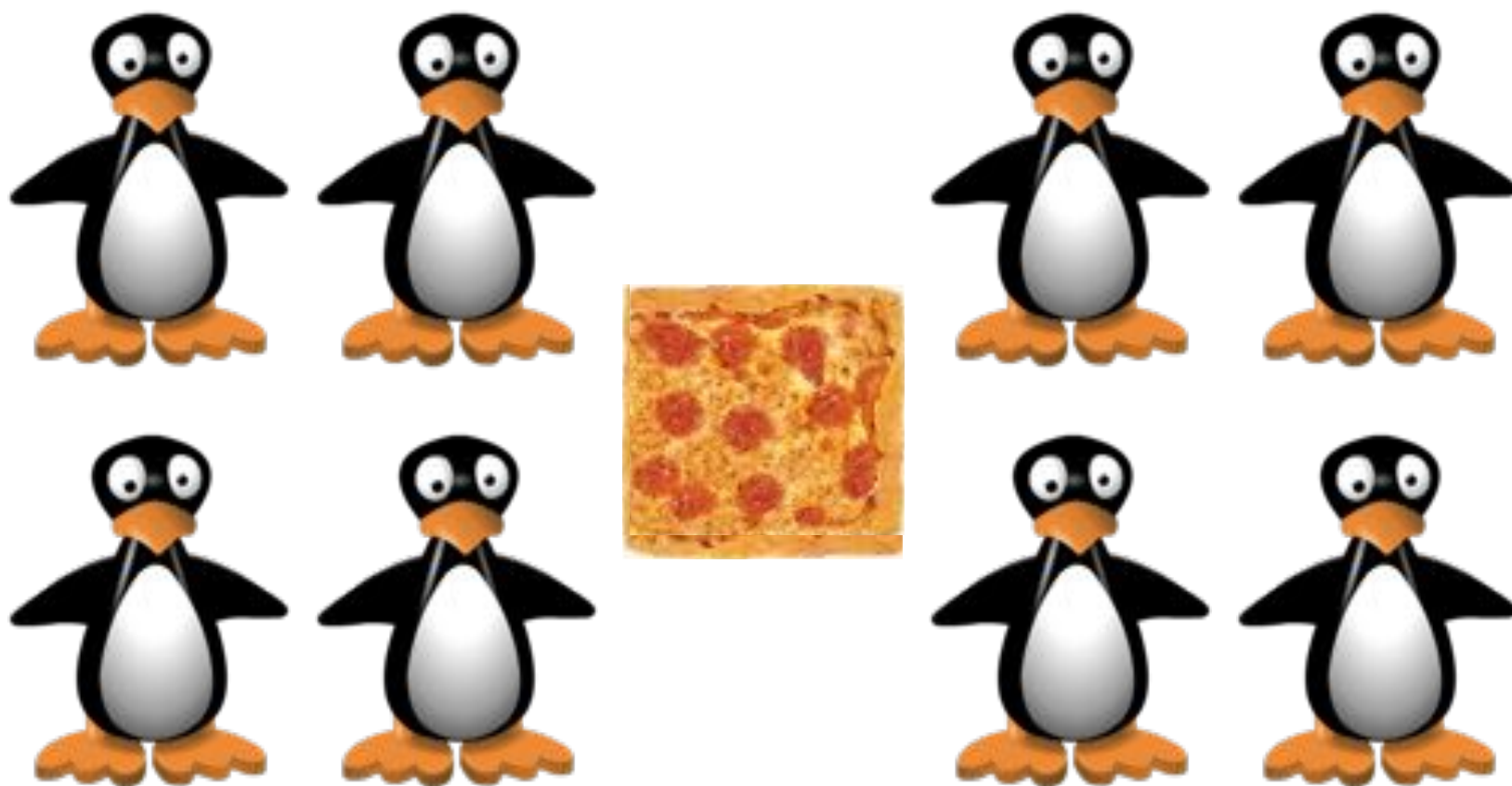


Each piece is $\frac{1}{4}$ of the whole because we divided 1 into 4 equal shares.

Show two ways JiJi can cut the pizza into 8 equal shares.

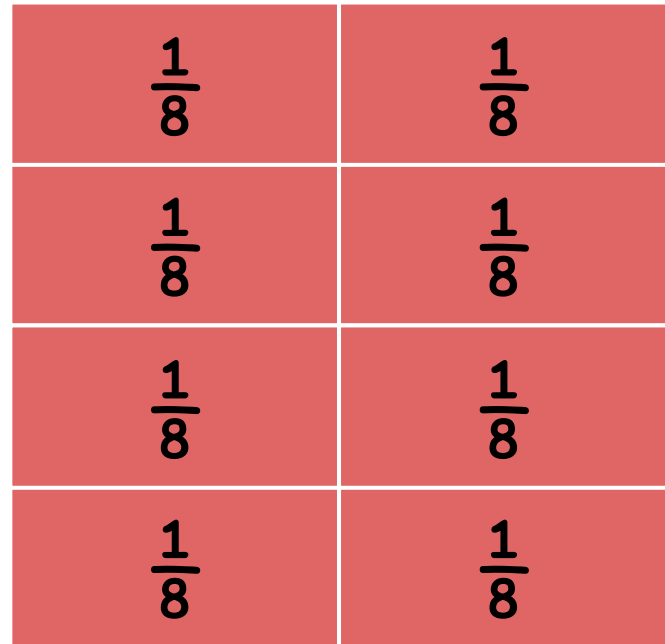
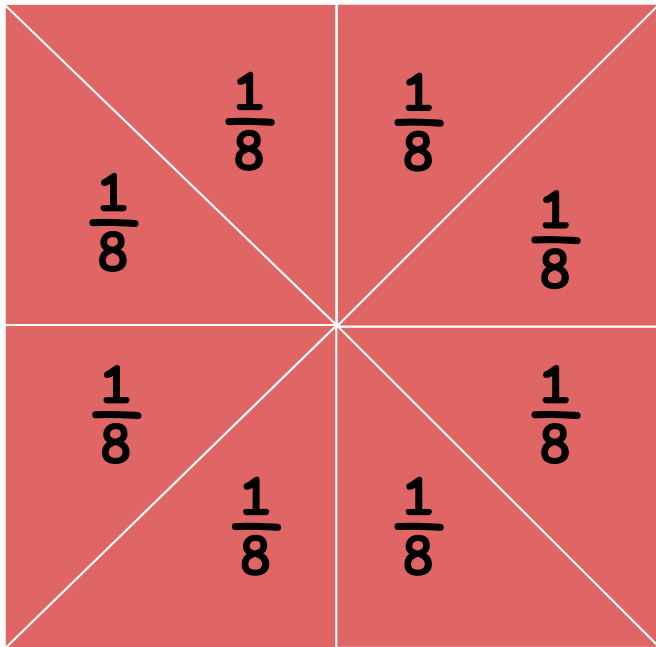


Let's model the ways we cut the whole pizza into 8 equal shares.





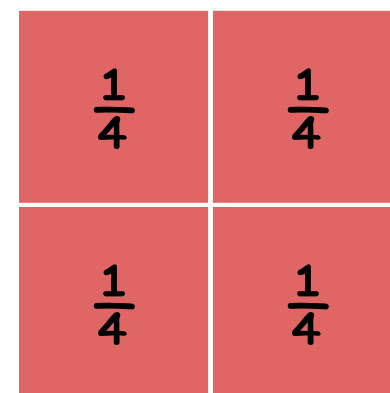
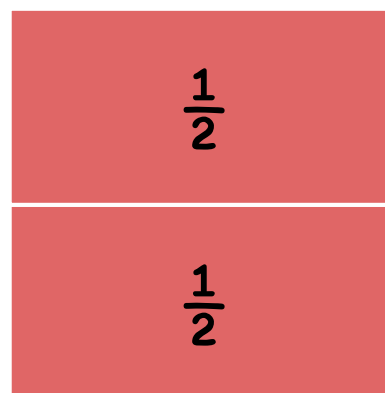
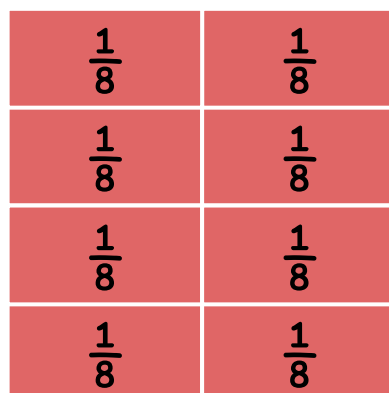
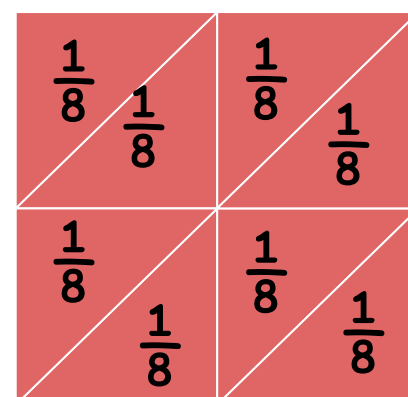
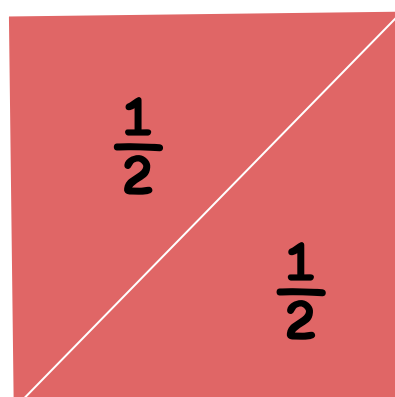
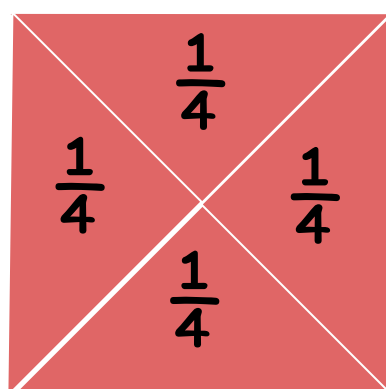
Each square has been cut into eighths.



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



What do you notice about these equal shares?





How much of the whole square is each piece?

