

Exploring Fractions

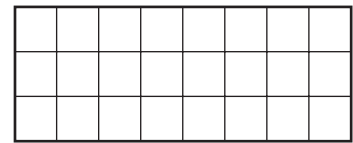
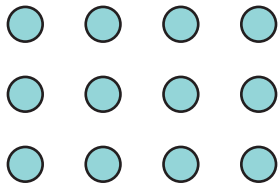
NCTM Standards 1, 2, 6, 7, 8, 9, 10

Make the pictures and fractions match.
Each whole rectangle = 1.

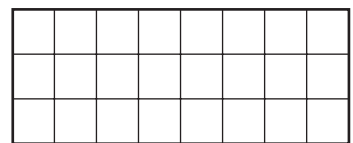
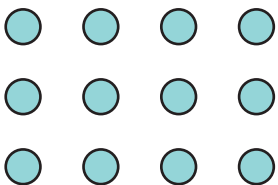
1

2

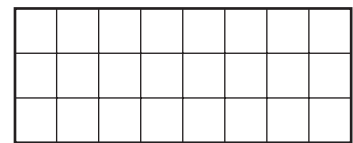
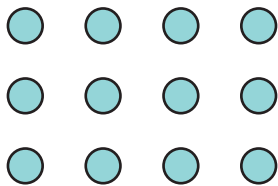
3 Separate each picture into **thirds**.



4 Separate each picture into **fourths**.



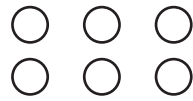
5 Separate each picture into **sixths**.



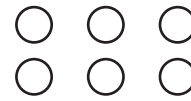
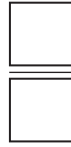
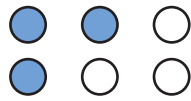
6 Make the pictures and fractions match.



$\frac{1}{2}$

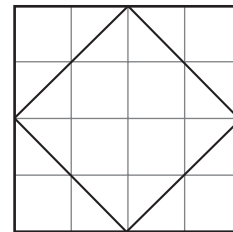
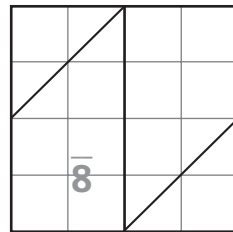
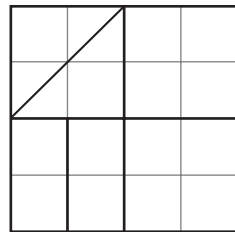
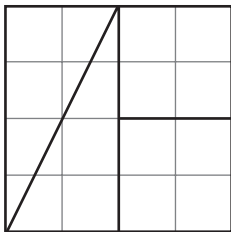
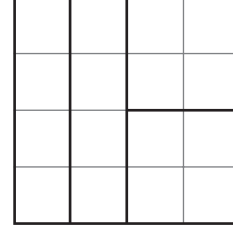
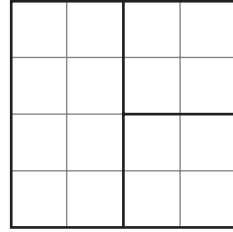
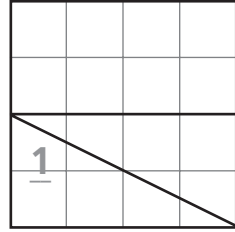
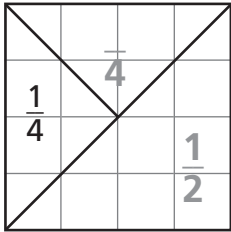


$\frac{1}{3}$

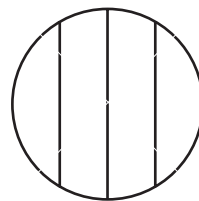
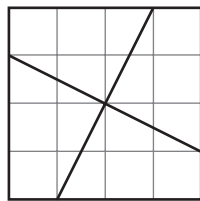
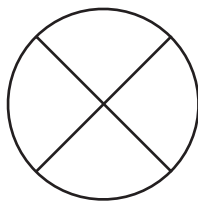
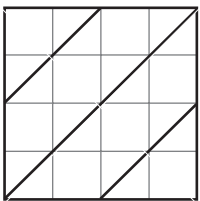


$\frac{2}{3}$

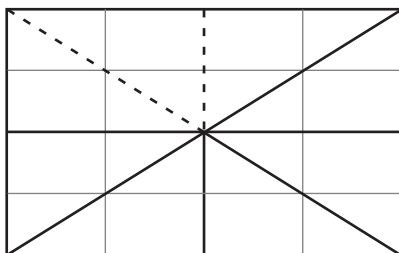
7 Name the fraction for each part. Each whole square = 1.



8 Two of these pictures are not cut into quarters. Cross them out.



9 **Challenge** Use a picture to show which fraction is greater, $\frac{3}{8}$ or $\frac{1}{2}$. Explain how you decided.



is greater than
