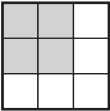


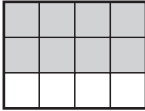
## Algebra

Complete the FAR card by writing Rule A or Rule B.

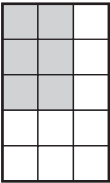
1

Front	Back	
	<b>Rule A</b> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <hr style="width: 40%; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<b>Rule B</b>  $\frac{5}{9}$

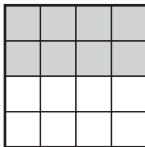
2

Front	Back	
	<b>Rule A</b>  $\frac{8}{12}$	<b>Rule B</b> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <hr style="width: 40%; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>

3

Front	Back	
	<b>Rule A</b> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <hr style="width: 40%; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<b>Rule B</b>  $\frac{9}{15}$

4

Front	Back	
	<b>Rule A</b>  $\frac{8}{16}$	<b>Rule B</b> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <hr style="width: 40%; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>

## Problem Solving

Use a strategy and solve.

5 In Maddie's town, every street is parallel or perpendicular to every other street. Four streets numbered in order from 1 to 4 run north to south. Four streets lettered in order from A to D run east to west. Maddie lives on the corner of Street 1 and Avenue A. How many different routes can Maddie take to get to the corner of Street 3 and Avenue C if she always takes the shortest possible route? \_\_\_\_\_

6 Jade's class is lined up one student behind the other. Jade is eighth in line. Mark is behind Jade. There are 4 students between Jade and Mark. There are 6 students behind Mark. How many students are in the class? \_\_\_\_\_