

THE BLUEPRINT

1. Pick a theme for your given land. Possibilities include: an amusement park, a store, a home, a classroom, a park, etc.
2. Divide this land up into seven pieces. Each should be a different size.
3. Color your seven unequal pieces to make them easy to see.

My theme: _____



THE SEVEN PIECES

Give each piece of your grid a label, write its fractional size, and then simplify each fraction.

Label	Fraction	Simplified
<i>Example: Winter-themed water slide.</i>	$\frac{14}{60}$	$\frac{7}{30}$
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____

FIND EQUALITY

Can you group your seven pieces into two, equally-sized groups?

If you can't find two perfect halves, try to get as close as possible!

Show your two equally-sized groups here:

A large rectangular grid with a solid border and dashed internal lines, divided into a 5x10 array of smaller squares. The grid is intended for students to draw or write their solutions to the problem.

Prove that the two halves are equal (or as close as possible) here using addition:

ORDER YOUR PIECES BY SIZE

Put your seven pieces in order by size. Order them from greatest to least

Label	Simplified Fraction

Why did you make your top two pieces so large?

Why did you make your smallest two pieces so small?
