



SIMPLIFYING FRACTIONS CHART

Name _____

Bar Diagram (Simplifying Fractions)

A bar diagram represents a fraction using a rectangular bar divided into equal parts.



In the image, the bar is divided into 6 equal parts

3 parts are shaded (red)

3 parts are unshaded

Fraction = $3/6$

On Simplifying, divide both numerator and denominator by 3 (GCF):

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

Simplified Fraction = $1/2$

Shaded Area: $3/6 = 1/2$