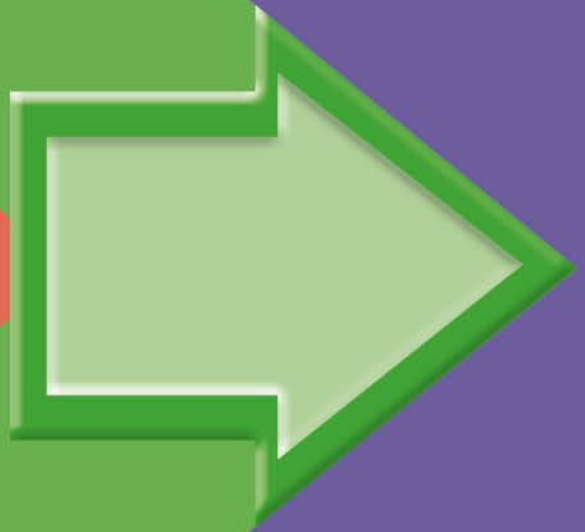
WHAT IS A FRACTION?

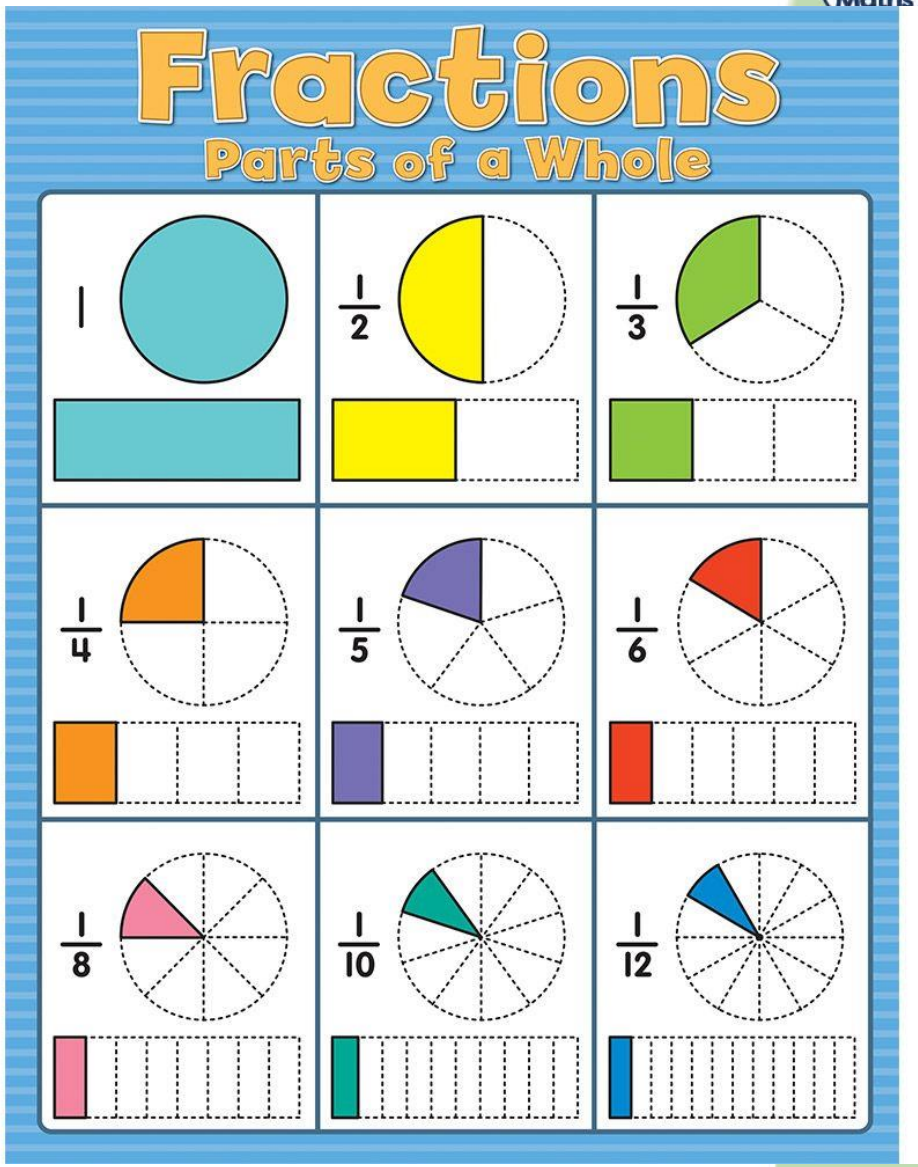


White Rose Maths

A fraction is a **part** of something.

All of the **parts** together will make a whole.

All of the parts **HAVE TO BE EQUAL.**



We write a fraction with one number on top of the other with a line between them.

The top number is called the **numerator.**

The bottom number is called the **denominator.**

It is helpful to think of fractions as "… out of …" pieces. For example, 1 out of 2.

$$\frac{1}{2}$$

Fun fact: this line is called the vinculum!

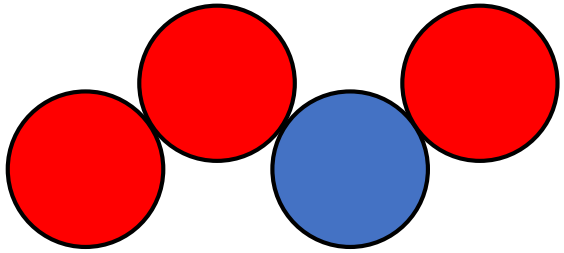
What fraction is being represented?

There are ☐ equal parts altogether.

☐ out of ☐ equal parts is shaded.

☐/☐ of the shape is shaded.

What fraction are shaded red?

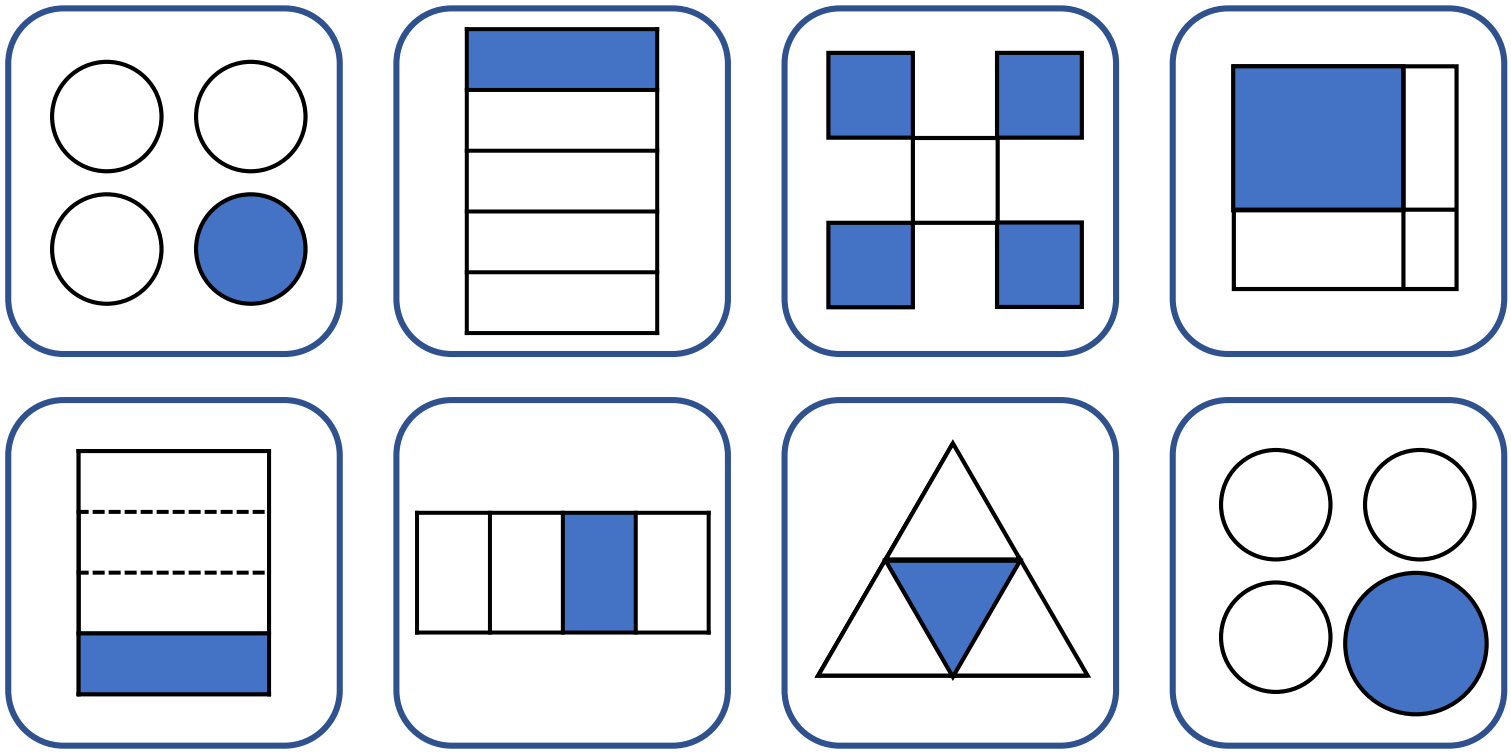


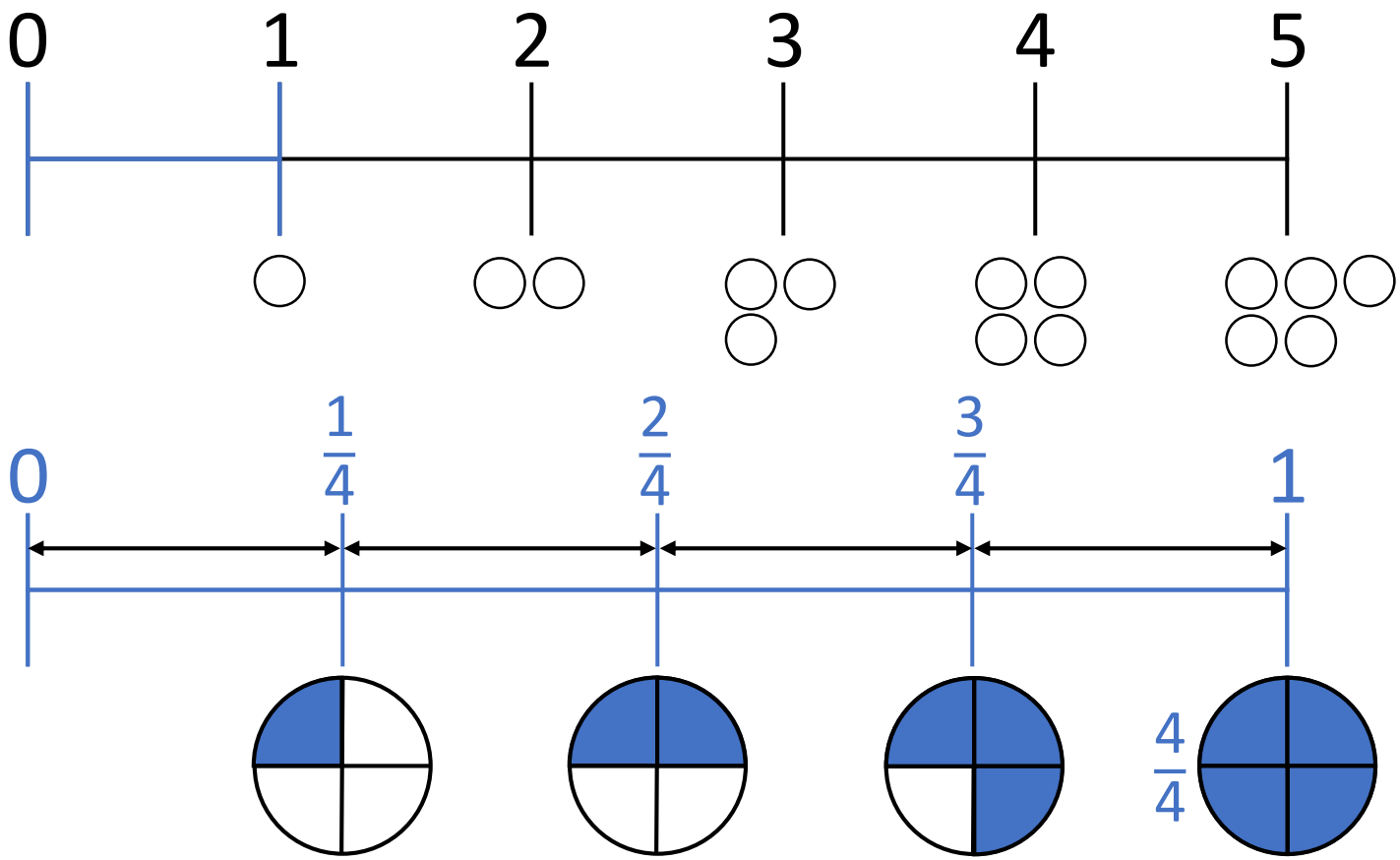
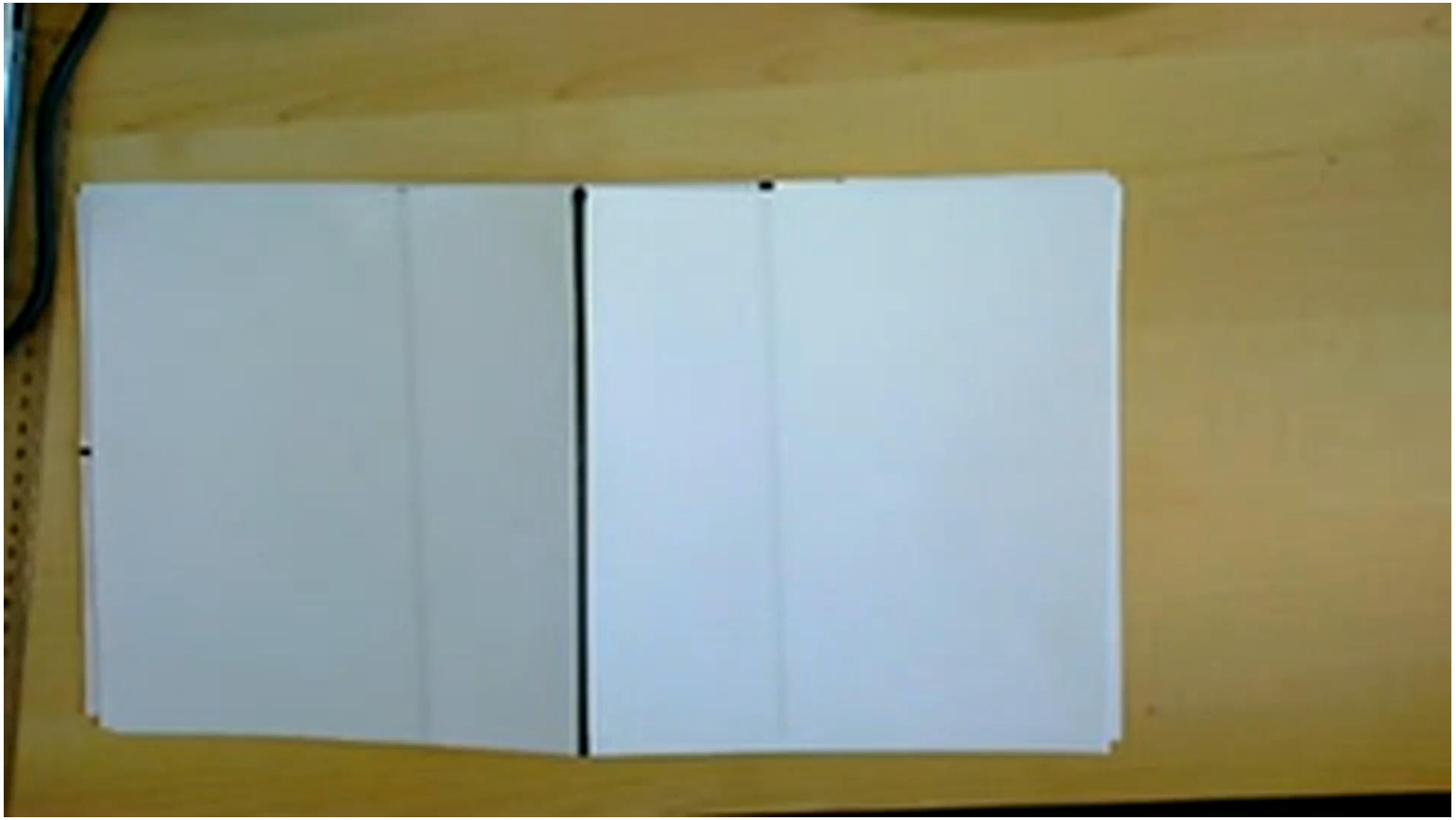
There are ☐ equal parts altogether.

☐ out of ☐ equal parts are shaded red.

$\frac{\square}{\square}$ of the shapes are shaded red.

Which of these representations shows $\frac{1}{4}$? Why?

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2/4
3/4
1
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