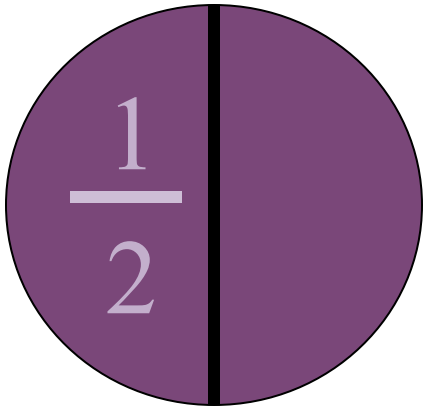
Equivalent Fractions

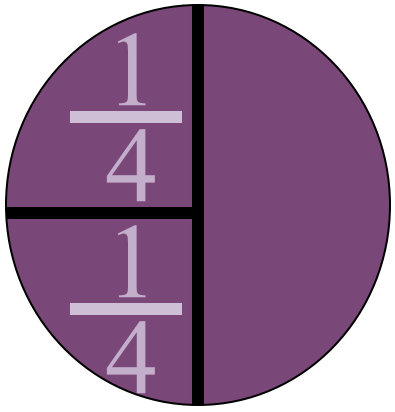
By Mrs. Leigh

Equivalent Fractions

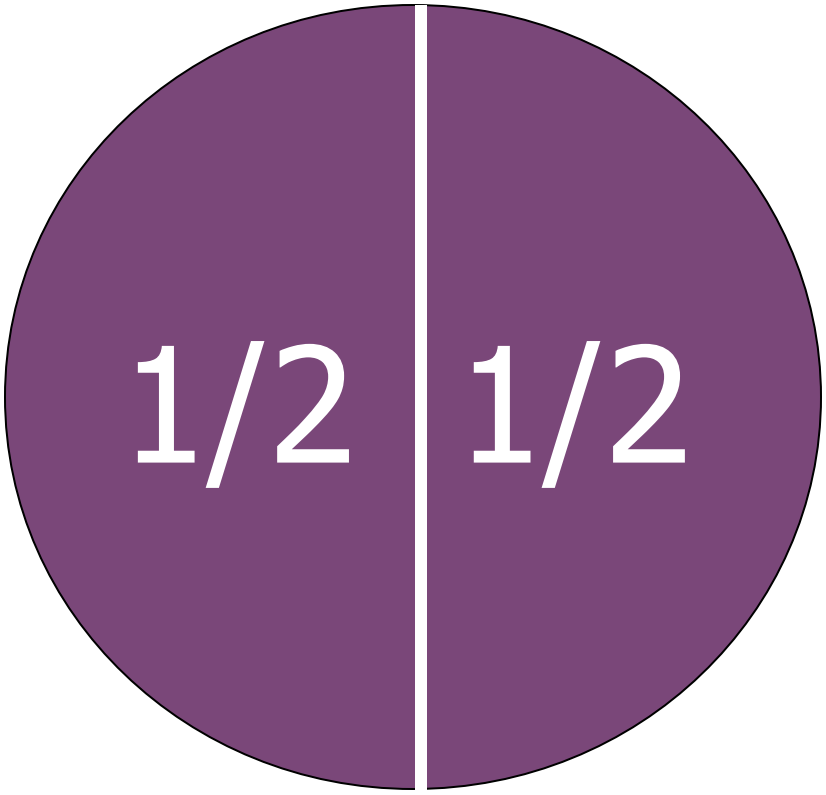
- Fractions that represent the same amount, but with different numbers
- Equivalent is the same as equal



$$\frac{1}{2} = \frac{2}{4}$$

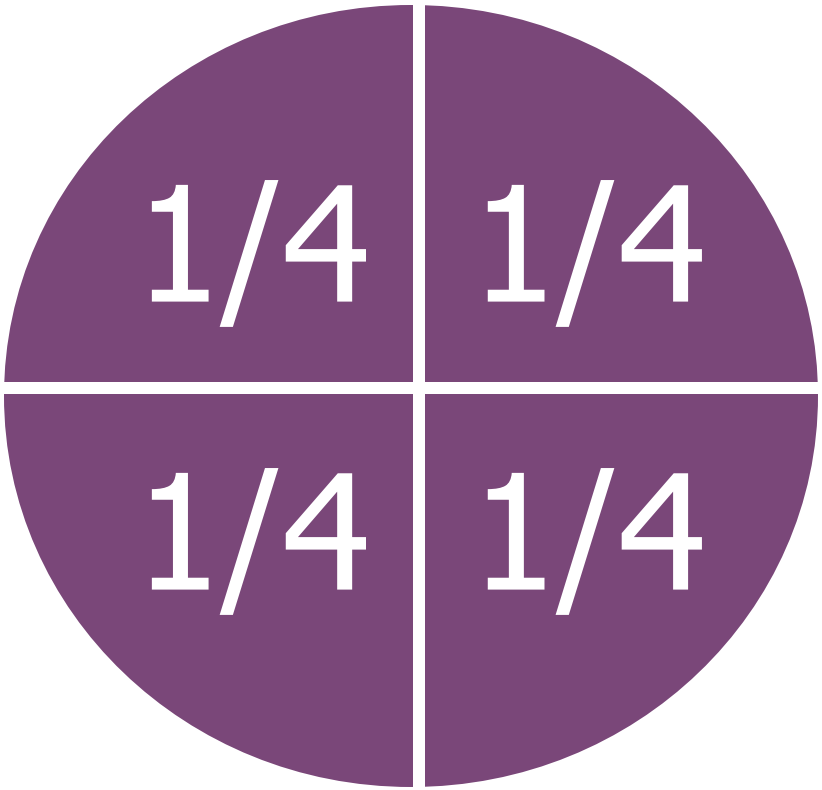


How many halves are in a whole?



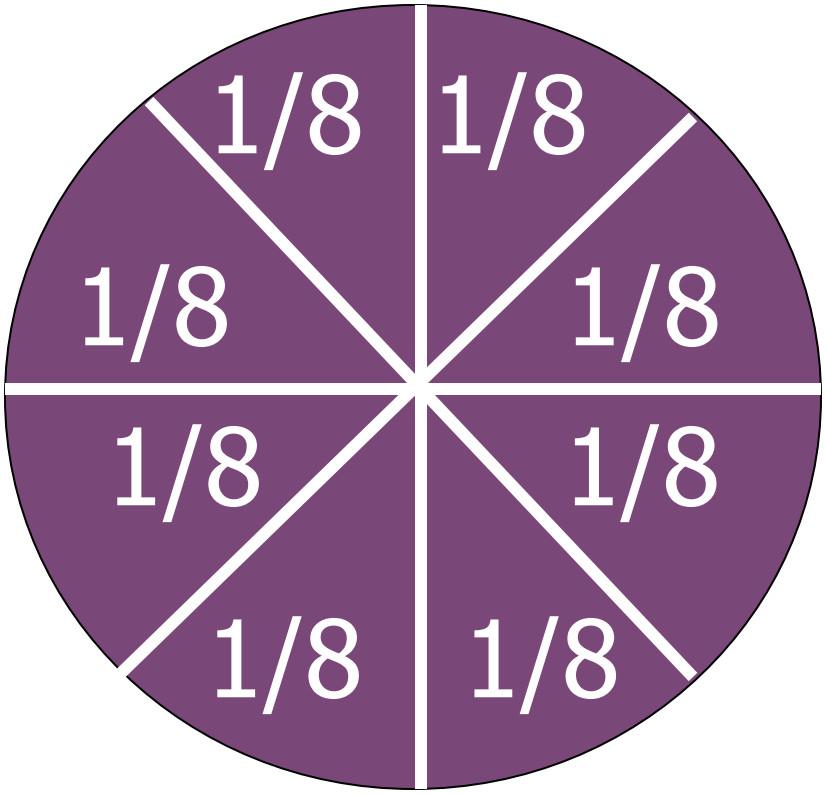
2

How many quarters are in a whole?



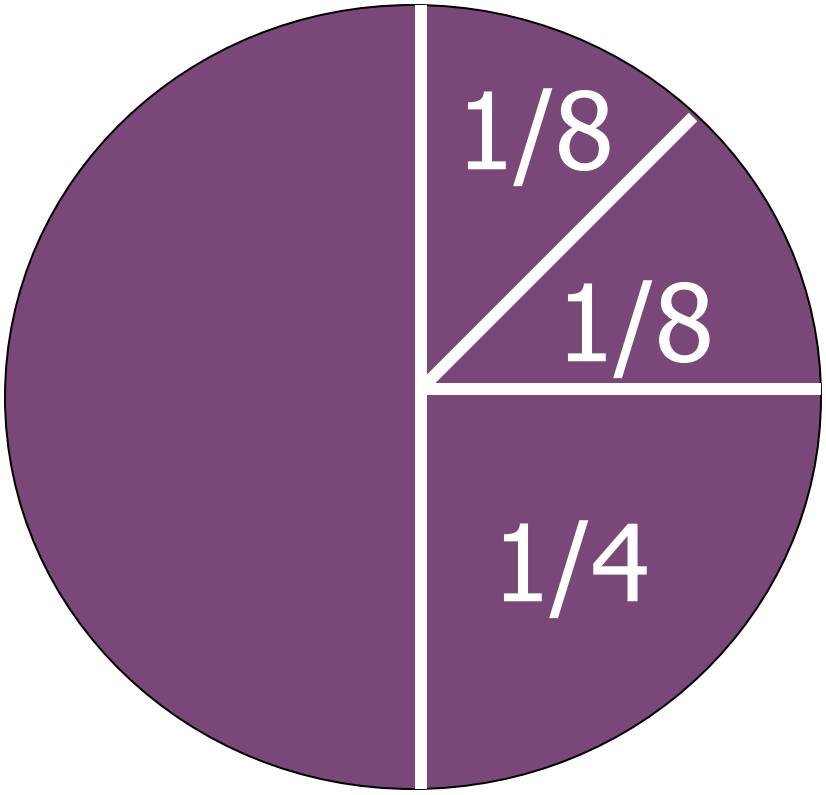
4

How many eighths are in a whole?



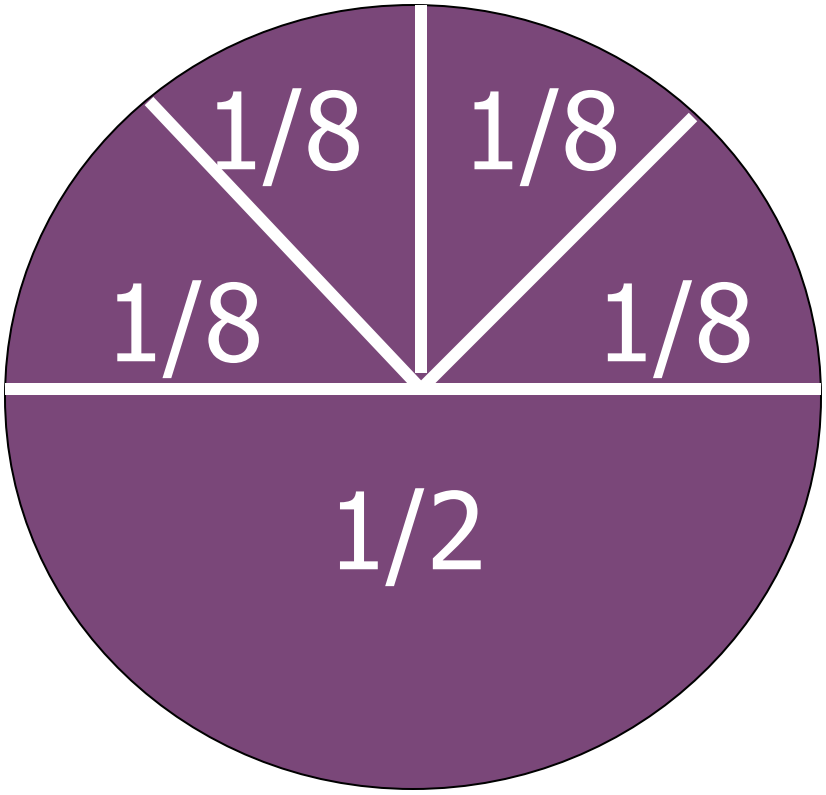
8

How many eighths are in a quarter?



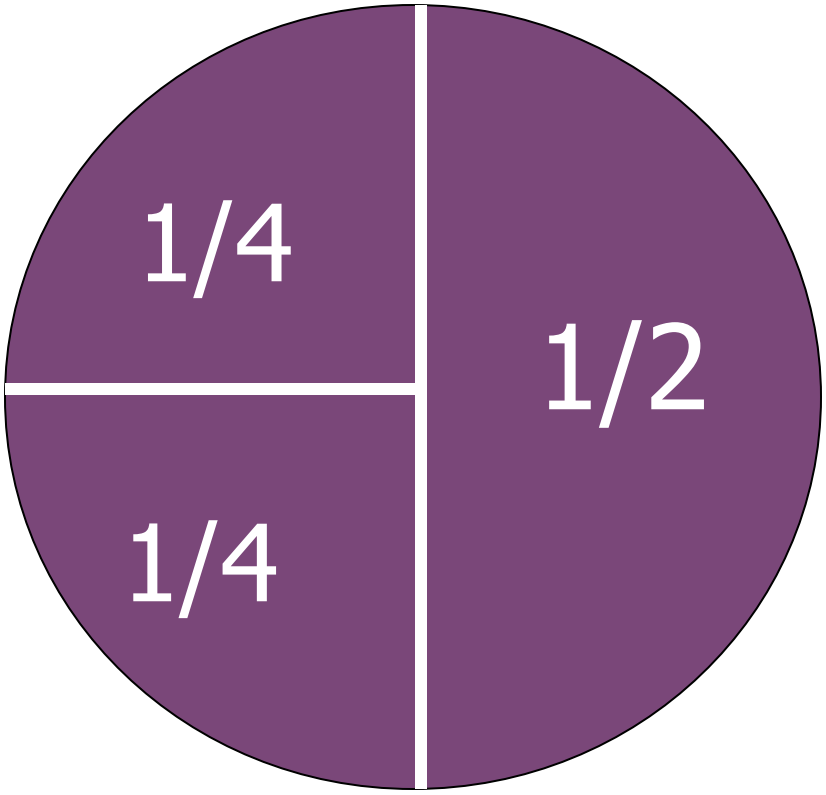
2

How many eighths are in a half?



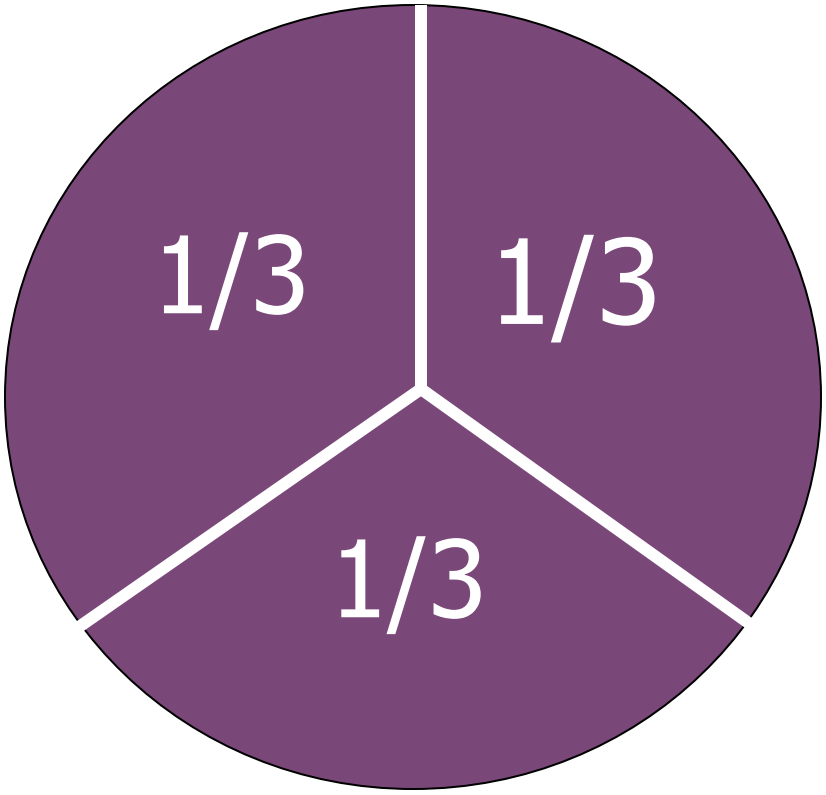
4

How many quarters are in a half?



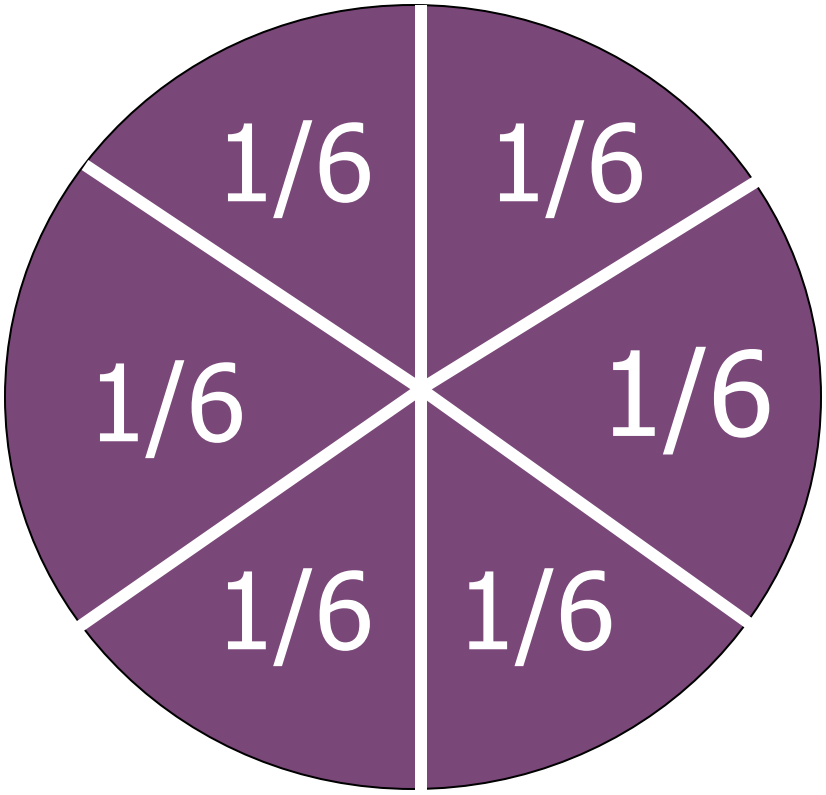
2

How many thirds are in a whole?



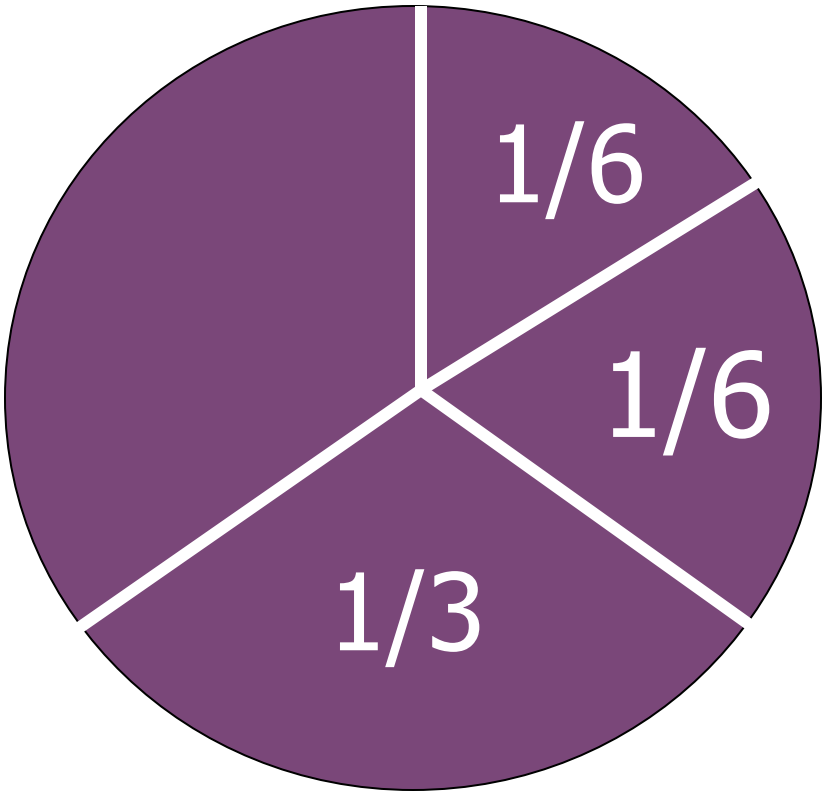
3

How many sixths are in a whole?



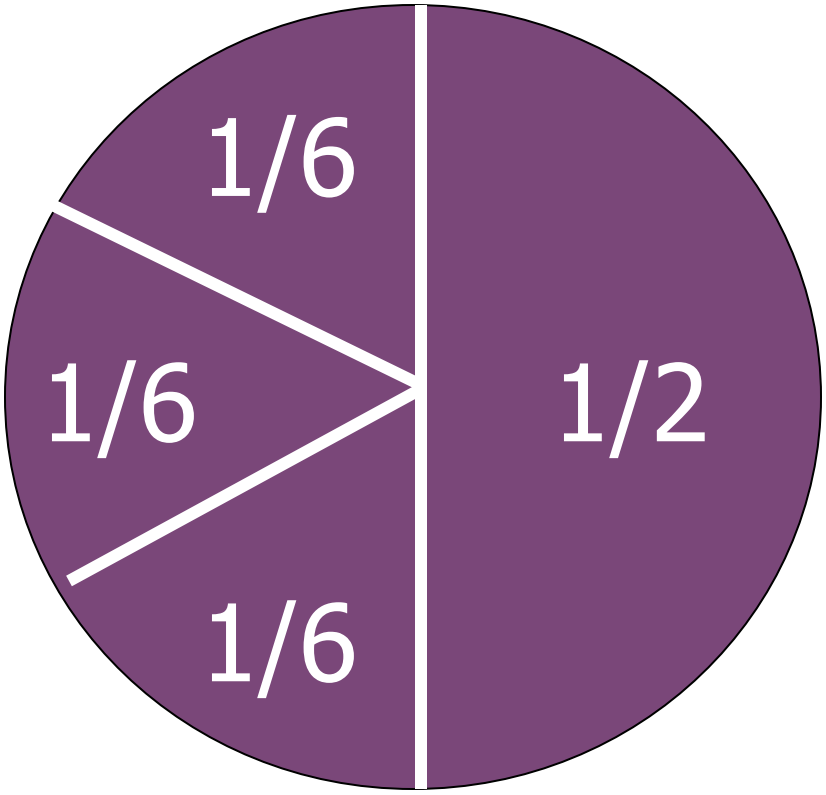
6

How many sixths are in a third?



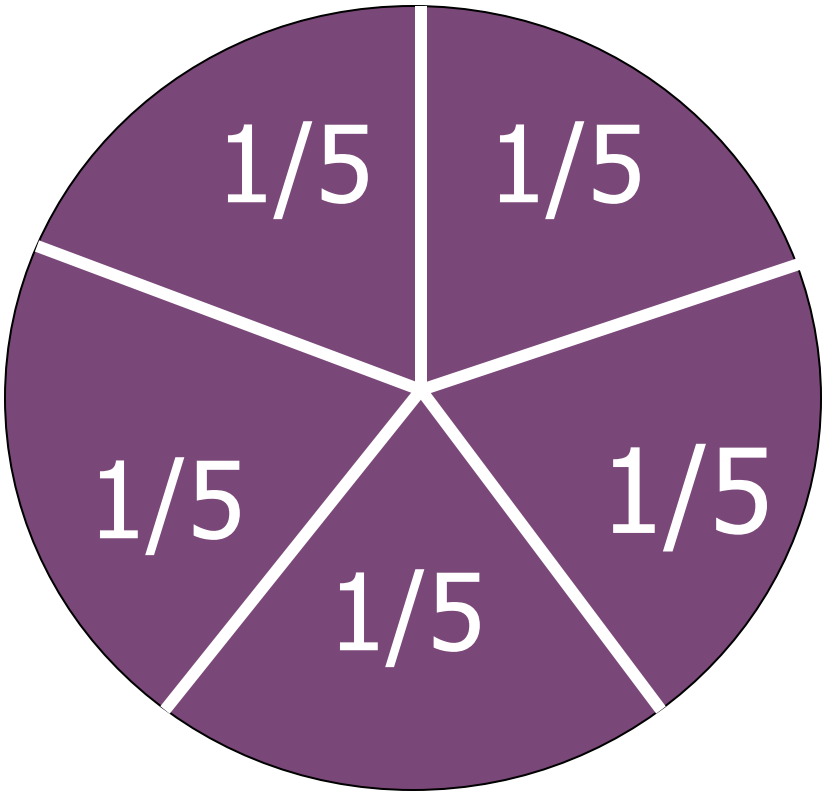
2

How many sixths are in a half?



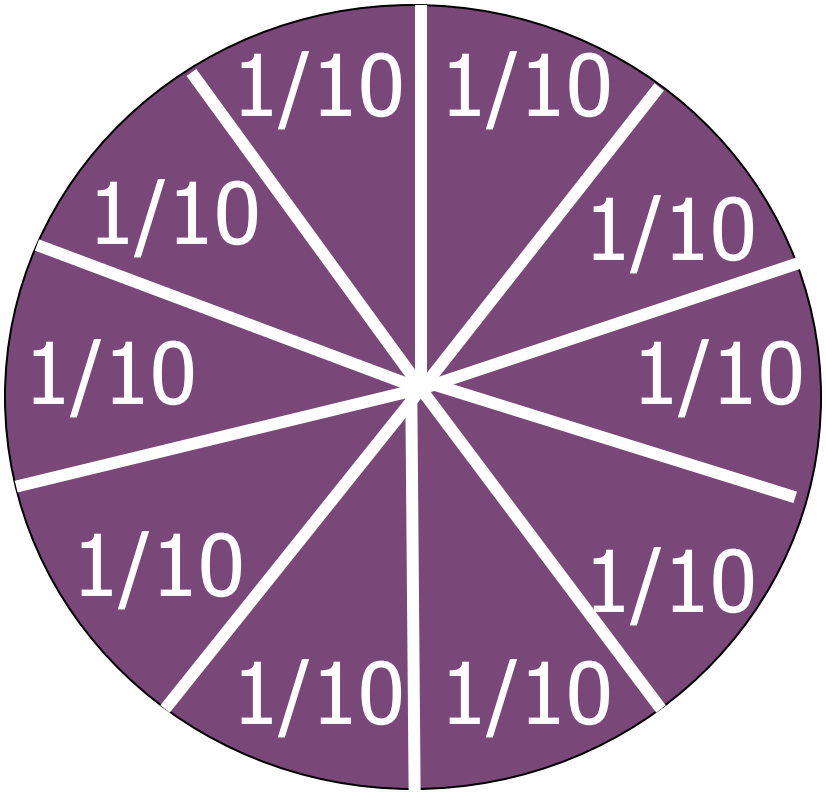
3

How many fifths are in a whole?



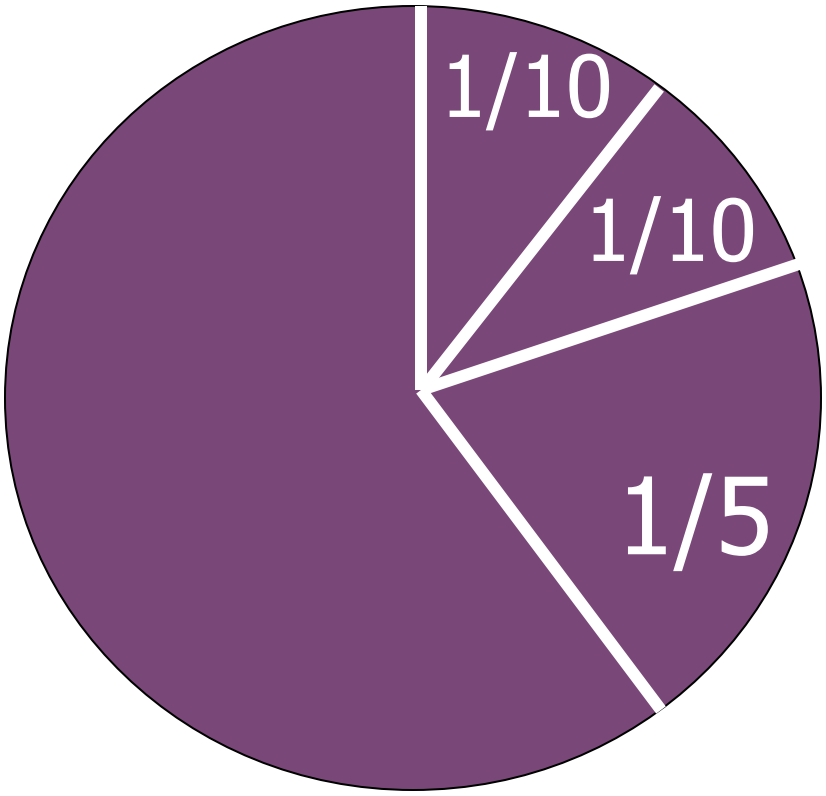
5

How many tenths are in a whole?



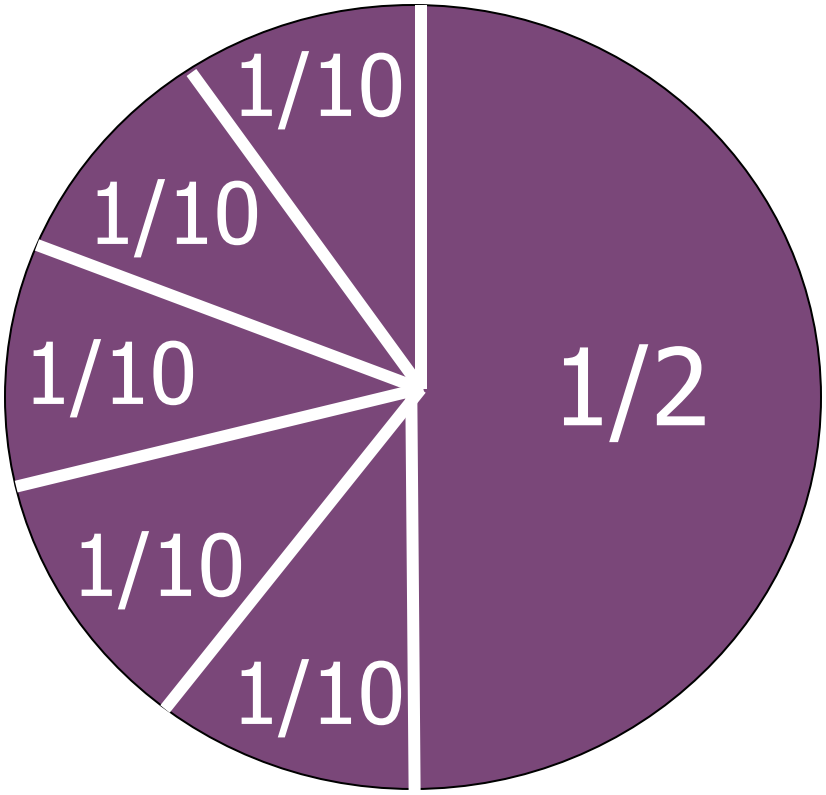
10

How many tenths are in a fifth?



2

How many tenths are in a half?



5

To Find Equivalent Fractions

- Multiply the numerator and the denominator by the same number.

$$\frac{1}{3} \times \frac{3}{3} = \frac{3}{9}$$

To Find Equivalent Fractions

- Divide the numerator and the denominator by the same number.

$$\frac{4}{12} \div \frac{4}{4} = \frac{1}{3}$$

Practice finding Equivalent Fractions

- Use Multiplication

$$\frac{2}{3}$$

Practice finding Equivalent Fractions

- Use Division

$$\frac{4}{10}$$