



**GURUKUL**   
Pvt. Industrial Training Institute

Making Youth Employable Through Skill Development

Manglam City, Govindpura, Kalwar Road, Jhotwara, JAIPUR

**9887442244**

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# Fractions



# FRACTIONS

## Learning Outcome

I can...

- \* explain what a fraction is.
- \* explain what the denominator of a fraction is and find the denominator of a fraction.
- \* explain what the numerator of a fraction is and find the numerator of a fraction.
- \* write a fraction.



# WHAT IS A FRACTION?

- When an object is divided into a number of **equal** parts then each part is called a fraction



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2



numerator

—

3



denominator



# Denominator

The denominator says how many **equal** parts in the **whole** object



→ 2 equal parts →

1

---

2



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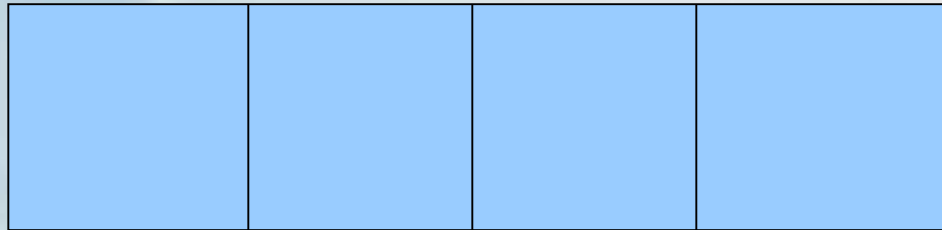
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How many equal parts are there in this shape?



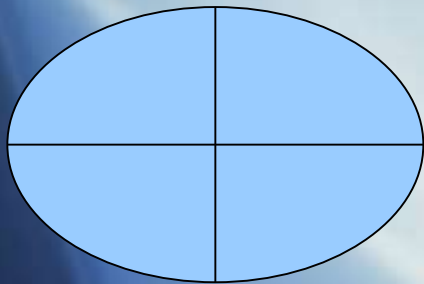
What is the denominator of this fraction?

1

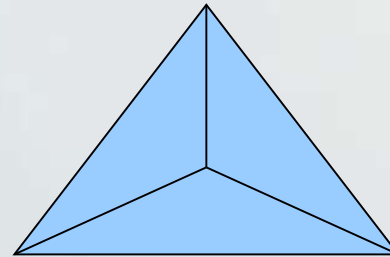




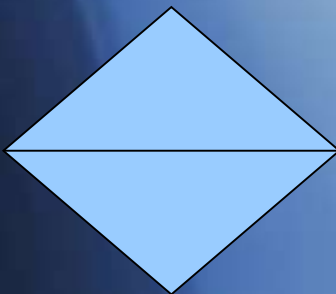
Find the denominators of these fractions



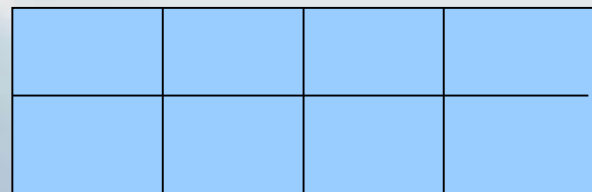
$$\frac{1}{\square}$$



$$\frac{1}{\square}$$



$$\frac{1}{\square}$$



$$\frac{1}{\square}$$



Draw what you think these fractions look like.

$$\frac{1}{6}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{10}$$





So, the number on the bottom of a fraction tells us...

1

\_\_\_\_\_

?

—————→

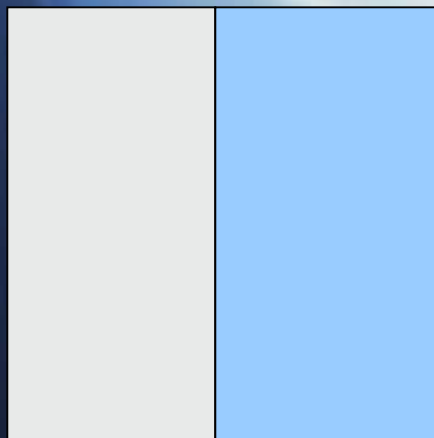
2

(Find a partner and discuss what you think the answer is)



# Numerator

The numerator says how many parts in the fraction



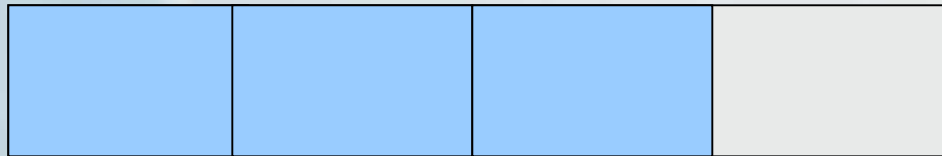
→ 1 part is colored in



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



How many equal parts are colored in in this shape?

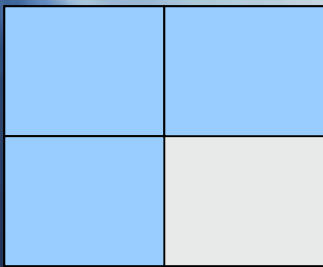


What is the numerator of this fraction?

$$\frac{\boxed{\phantom{000}}}{4}$$



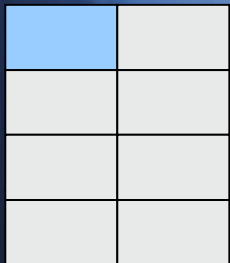
Find the numerator for these fractions



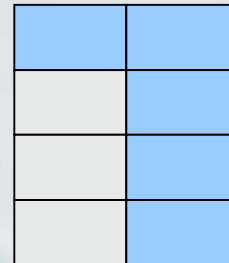
$$\frac{\square}{4}$$



$$\frac{\square}{3}$$



$$\frac{\square}{8}$$



$$\frac{\square}{8}$$



Draw what you think these fractions look like.

$$\frac{2}{6}$$

$$\frac{1}{3}$$

$$\frac{3}{4}$$

$$\frac{9}{10}$$

6

3

4

10



So, the number on the top of a fraction tells us...

?  $\longrightarrow$   $\frac{1}{2}$

(Find a partner and discuss what you think the answer is)



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2



The numerator tells us...

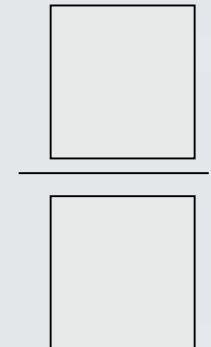
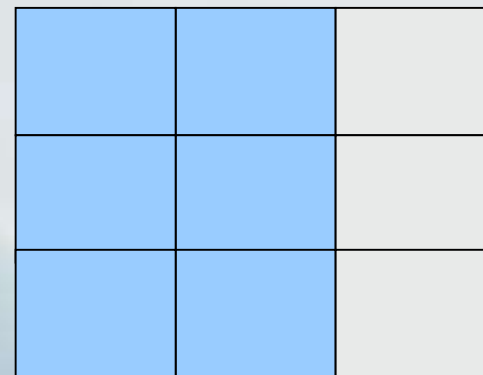
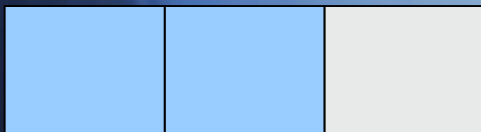
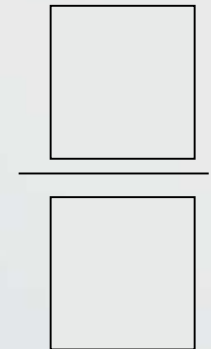
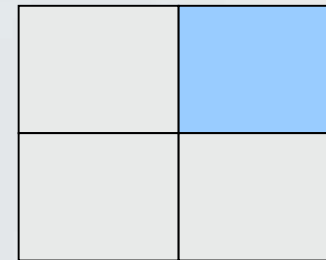
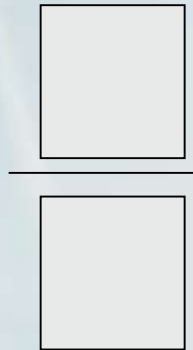
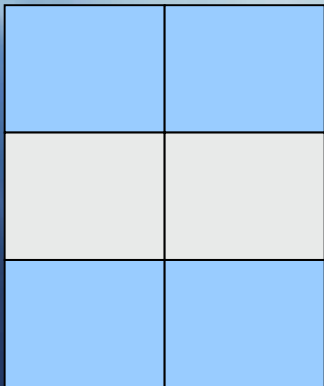
3



The denominator tells us...



# Find the fraction of these shapes







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# The End

## Thanks