# Why do we use estimating in maths?

https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/z874h39

Which of these two sums would you use to estimate the answer to
157 - 21 =

160 - 20 or 150 - 20

Explain why.

Which of these two sums would you use to estimate the answer to
59 + 32?
60 + 30 or 50 + 30

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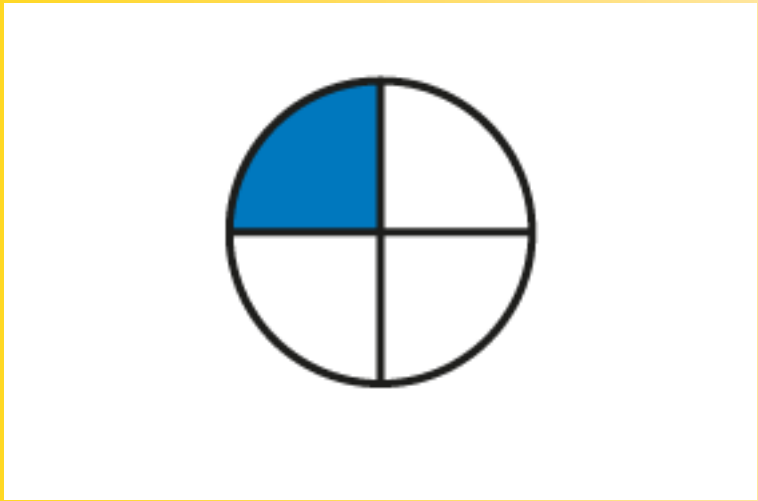
276 + 23

280 + 20 or 270 + 25

# What is a fraction?

It is part of a whole



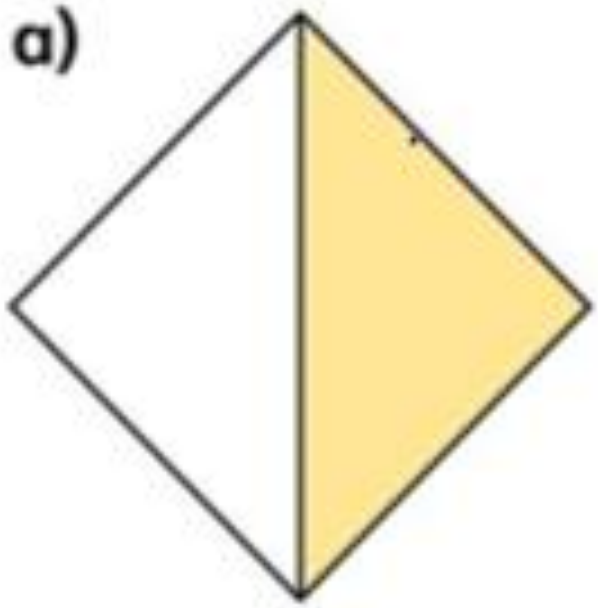
This circle has been split into 4 equal parts. One part is shaded. $\frac{1}{4}$

?

4 ?

1 Complete the sentences for each shape.

a)

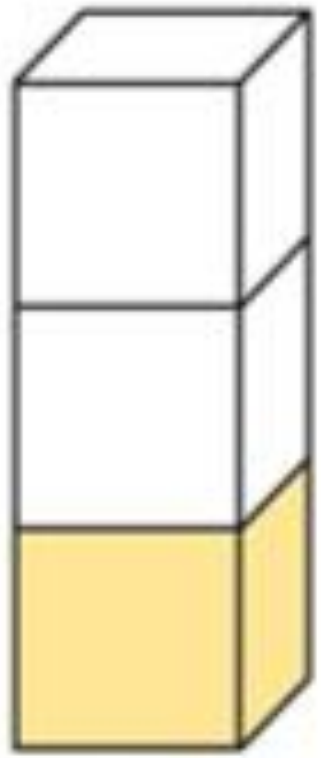


There are ☐ equal parts.

There is ☐ part shaded.

☐ is shaded.

1 b)

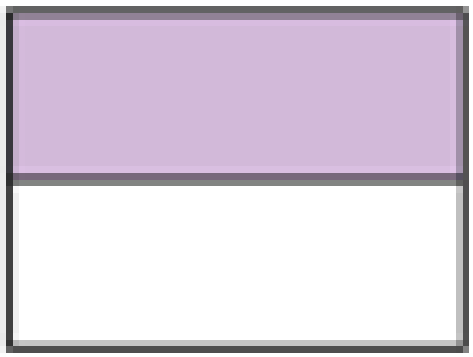


There are ☐ equal parts.

There is ☐ part shaded.

☐ is shaded.

Tick the shape that has $\frac{1}{2}$ shaded.



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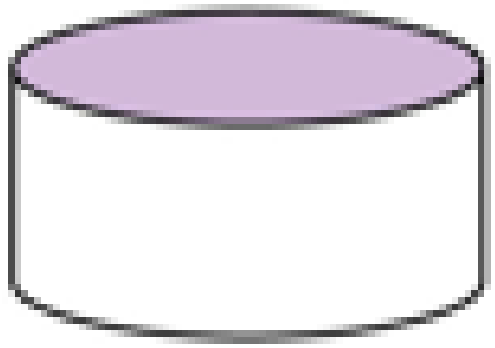

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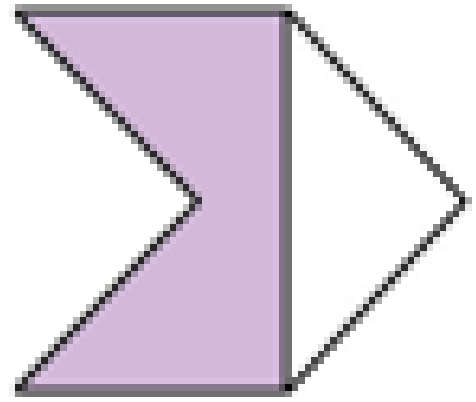


☐

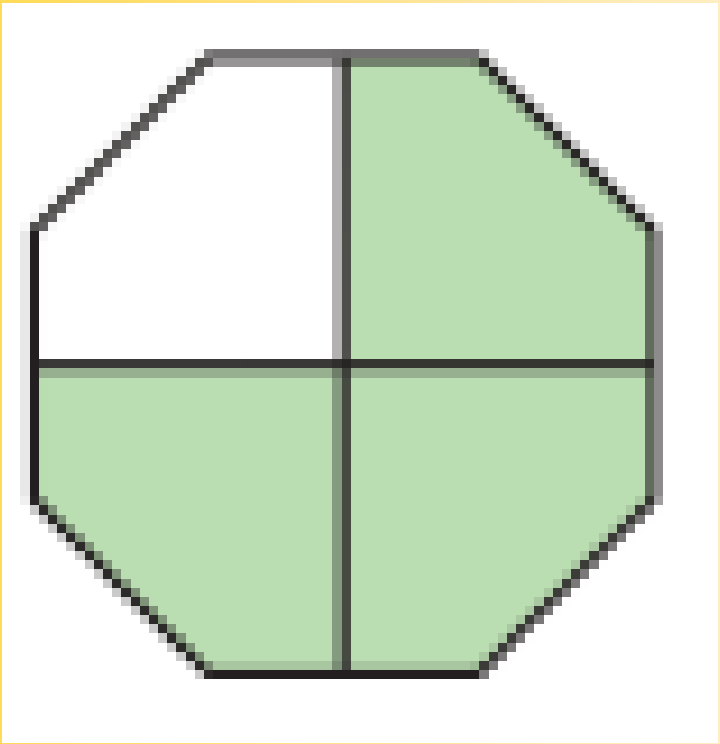
All of the fractions we have looked at so far have had a numerator of 1.

$\frac{1}{4}$ $\frac{1}{9}$

What do we call these fractions when 1 is the numerator?

What is it called when the numerator is not 1?

$\frac{3}{4}$ $\frac{3}{6}$ $\frac{8}{9}$

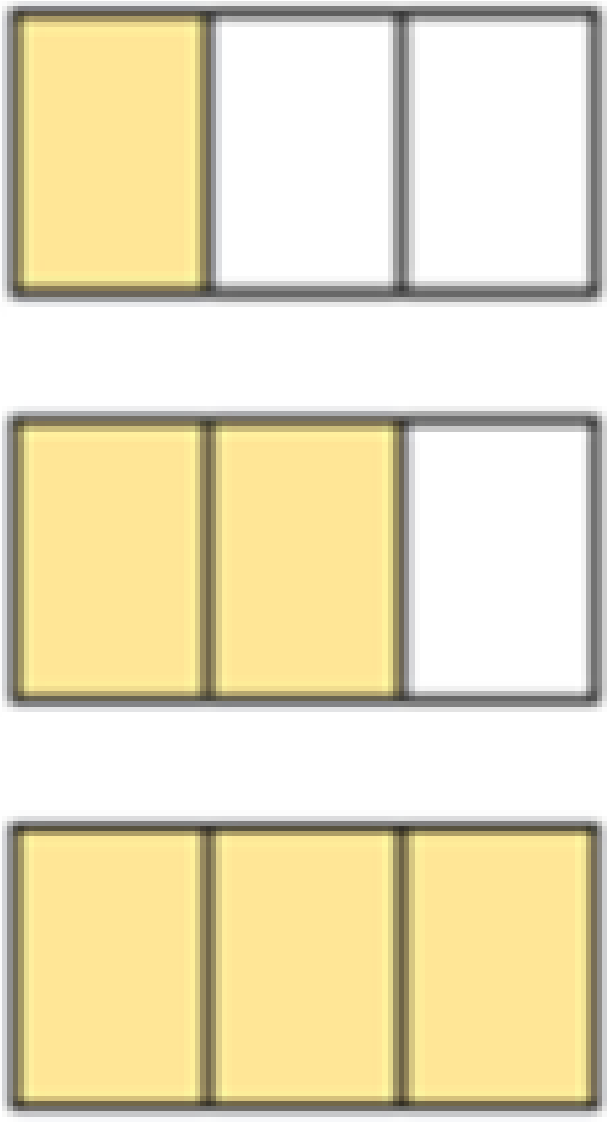


There are _____ equal parts.

There are _____ parts shaded.

What is the fraction?

What fraction of each shape is shaded?



A shape has **5 equal parts**.

What fraction is shaded if there are 2 parts shaded?

What fraction is shaded if there are 4 parts shaded?

What fraction is shaded if there are 5 parts shaded?