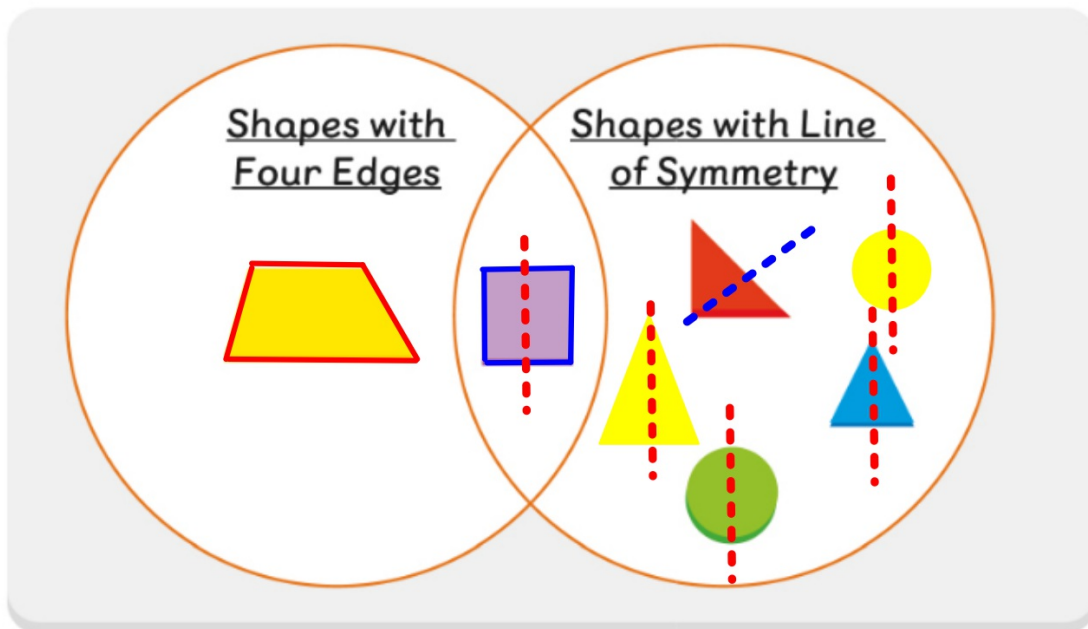


Student's Book p. 229

A line of symmetry is the line that divides a shape or an object into two equal and symmetrical parts. (mirror image)

Look Back



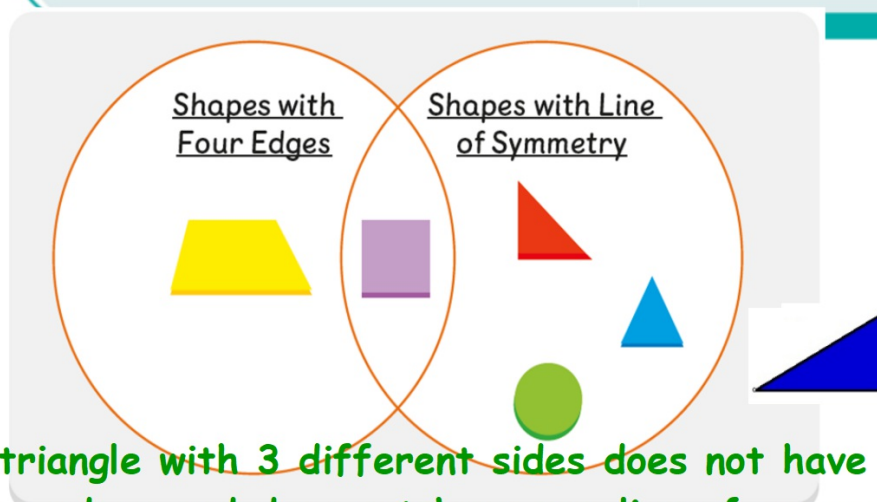
Draw a yellow triangle and a yellow circle in the Venn diagram.

Thinking Cap

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Megan draws a triangle with 3 different sides. She wonders where should she draw it in the Venn diagram. Show where the triangle should be drawn.



A triangle with 3 different sides does not have four edges and does not have any line of symmetry, so it does not fall under the category of the two circles.

Let's Learn

- a Ali uses a Carroll diagram to sort some sports.

	Uses a ball	Does not use a ball
Uses a racket	Tennis Squash	Badminton
Does not use a racket	Basketball	Swimming Marathon

Tennis uses a ball and uses a racket.

Swimming does not use a ball and does not use a racket.

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- b Michael uses a **Venn diagram** to sort some animals.

The rectangle in the Venn diagram represent the set of all animals. It is a **Universal set**.



Fish do not have hair and four legs. It is placed outside the circles in the universal set.



A lion has hair and has four legs.

A snake does not have hair and does not have four legs.

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Where will you place Squirrel in the Venn diagram?



Does a squirrel have hair? **yes**

Does a squirrel have four legs? **yes**



Let's Practise

Student's Book p. 231



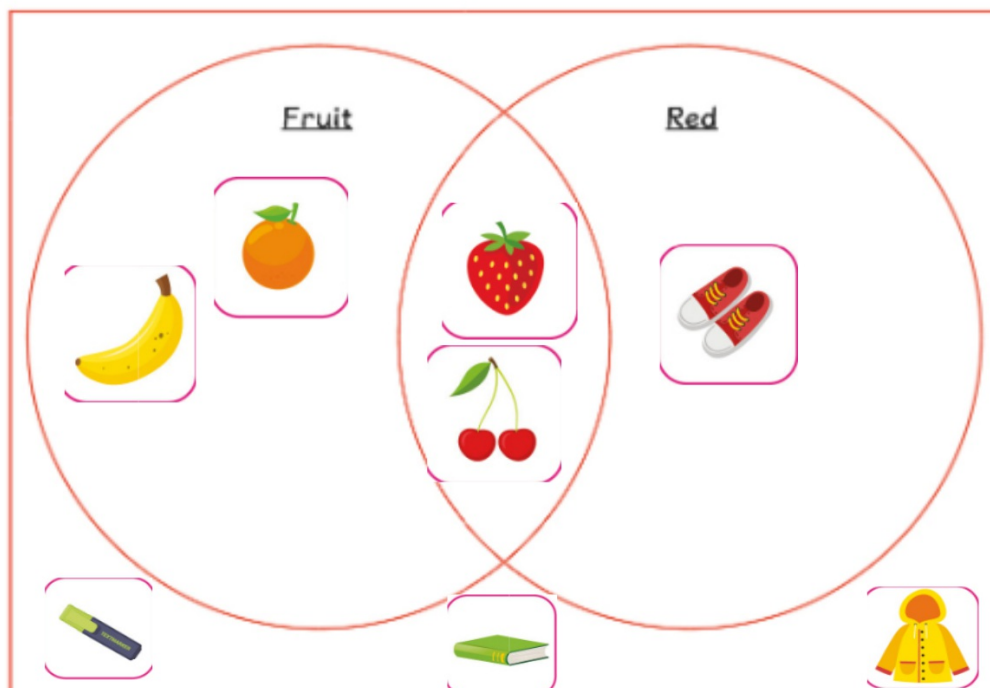
- I The table shows some students' favourite items.
Use the stickers on page 250. Sort the items using the Venn diagram.

strawberry
cherry

yellow raincoat
green marker

banana
green book

red shoes
orange



Student's Book p. 231



2 Muthu found some words in his new storybook.

Use the stickers on page 250.

Sort the words using the Carroll diagram.

happy
teamwork

please
excited

applause
unity

banana
audience

	Begins with a vowel (a, e, i, o, u)	Does not begin with a vowel (a, e, i, o, u)
Ends with a vowel (a, e, i, o, u)	<div>applause</div> <div>audience</div>	<div>banana</div> <div>please</div>
Does not end with a vowel (a, e, i, o, u)	<div>unity</div> <div>excited</div>	<div>happy</div> <div>teamwork</div>

Student's Book p. 232

- 3** The data below shows the favourite subjects of some students. Sort the data using a Carroll diagram.

Music	Music	Science	Art	Music	Music	Music and Art	Music and Art
Music	Art	Music and Art	Music and Art	Art	Science	English	Art
Art	Science	English	Music	Art	Art	Music and Art	Music

Lina writes the number of students who like Art and Music in the Carroll diagram. Complete the Carroll diagram.

	like music and art Music	Not Music
Art	5	7 like art only
Not Art	7 like music only	5 like Science and English