

Venn diagrams

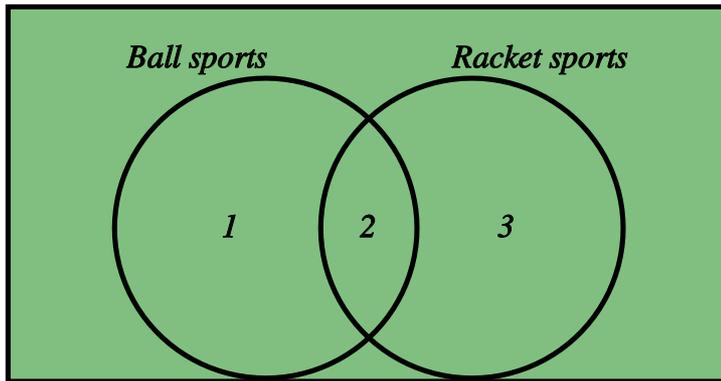
Name:	Class:	Date:
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Mark	/ 6	%
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1) Put the sports in the correct positions in the Venn Diagram below:

[1]

badminton netball tennis

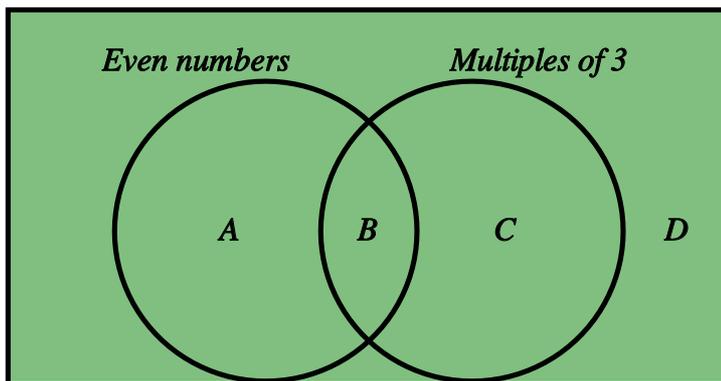


1 = 2 = 3 =

2) Put the numbers in the correct positions in the Venn Diagram below:

[1]

2 5 6 8 15 20 30 39

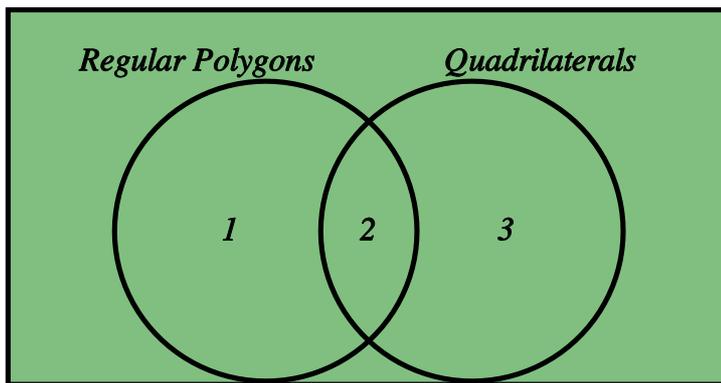


A = B = C = D =

3) Put the shapes in the correct positions in the Venn Diagram below:

[1]

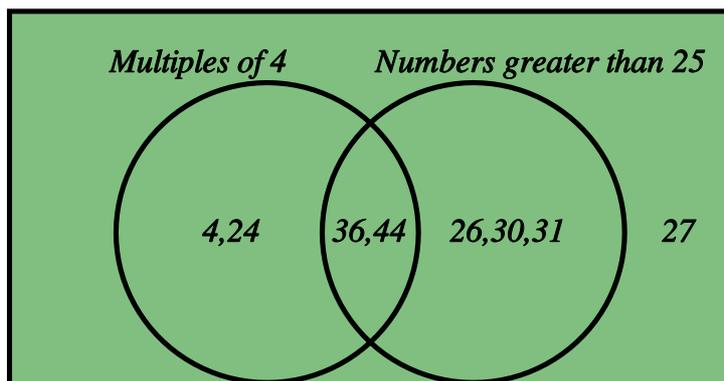
parallelogram regular hexagon square



1 = 2 = 3 =

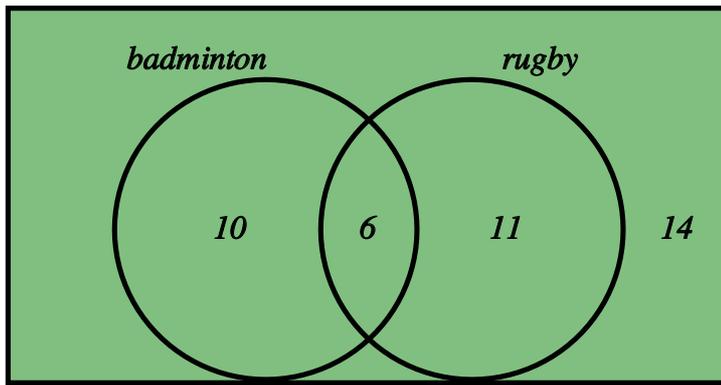
4) Which number in the Venn Diagram is in the wrong place?

[1]



5) A group of pupils are surveyed about whether they play badminton or rugby.
The Venn Diagram below shows the results.

[1]

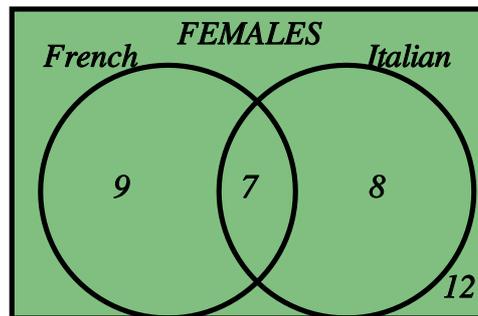
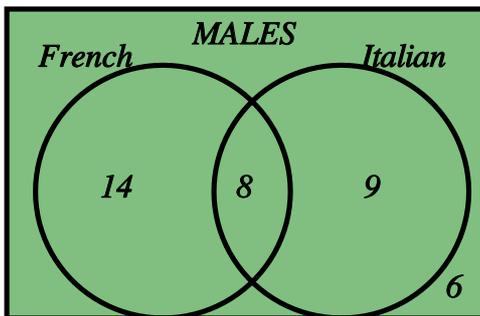


Mark each sentence True or False.

16 pupils play badminton	
6 pupils don't play either badminton or rugby	
11 pupils play rugby, but not badminton	
Altogether, 27 pupils play at least one of badminton and rugby	

6) Male and female tourists are surveyed about whether they can speak French or Italian.
The Venn Diagrams below show the results.

[1]



Decide if each sentence is true or false.

15 females speak Italian	
Less males than females speak French	
31 tourists altogether speak Italian	
37 males are in the survey	

Solutions for the assessment Venn diagrams

1)

1 = netball

2 = tennis

3 = badminton

2) $A = 2,8,20$

$B = 6,30$

$C = 15,21,39$

$D = 5$

3) 1 = regular hexagon

2 = square

3 = parallelogram

4) 27

5) true, false, true, true

6) true, false, false, true