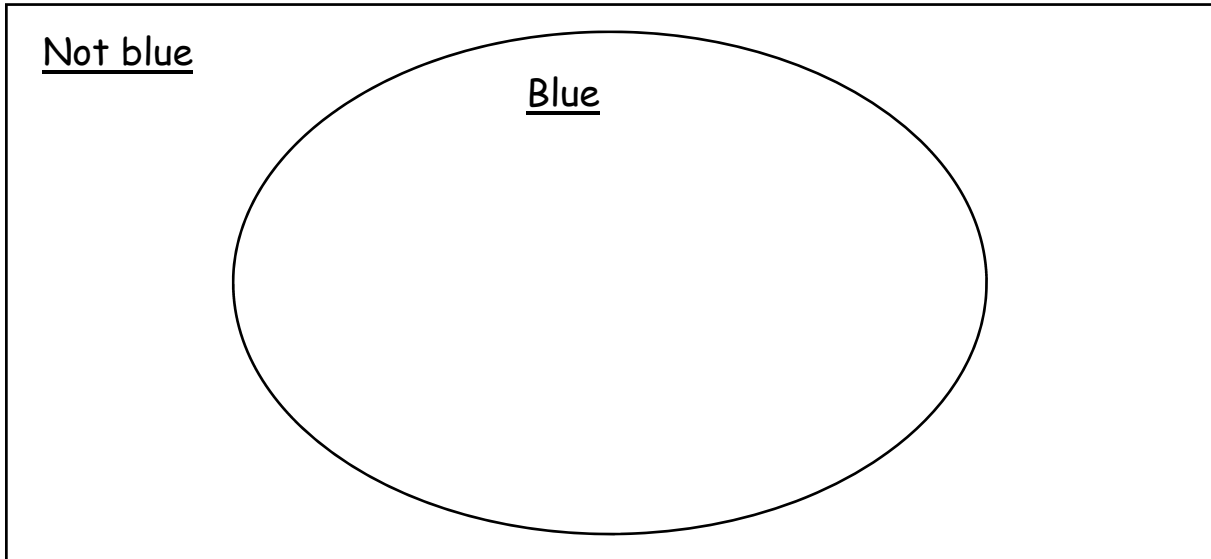


Name _____ Date _____

Venn diagrams

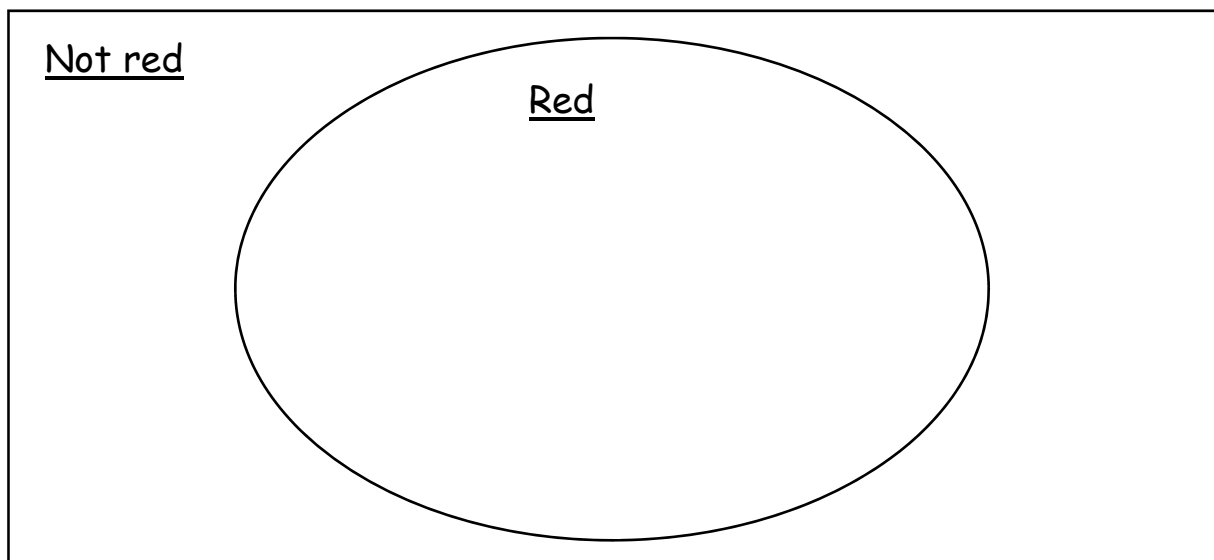
Close your eyes while you pick up seven cubes. Sort them onto the Venn diagram. Then, answer the questions.



How many blue cubes? _____ How many 'not blue' cubes? _____

Draw the cubes on the diagram in the right place, and do the next one.

Close your eyes while you pick up nine cubes. Sort them onto the Venn diagram. Then, answer the questions.



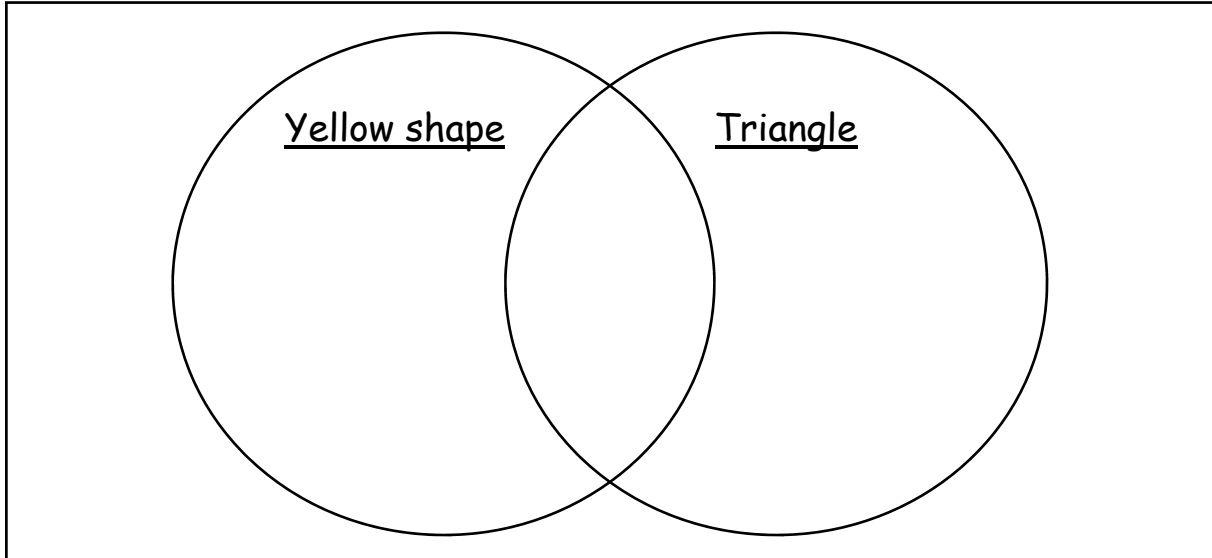
How many red cubes? _____ How many 'not red' cubes? _____

Draw the cubes on the diagram in the right place.

Name _____ Date _____

Venn diagrams

Close your eyes while you pick up six shapes. Sort them onto the Venn diagram. Then, answer the questions.

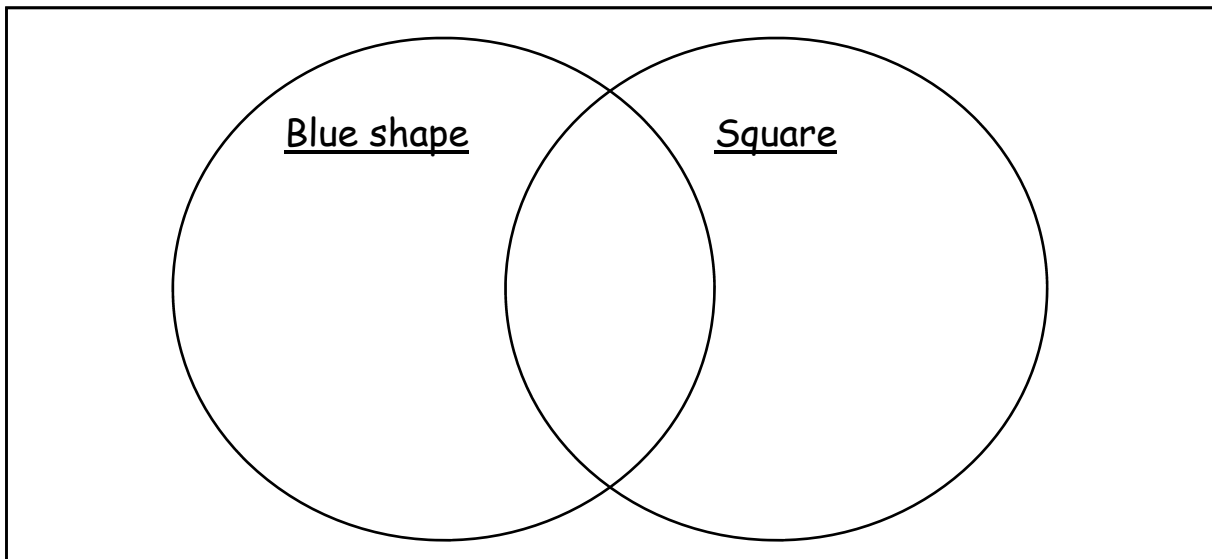


How many shapes are triangles? _____ How many yellow triangles do you have? _____

How many shapes are yellow? _____

Draw the shapes on the diagram in the right place, and do the next one.

Close your eyes while you pick up ten shapes. Sort them onto the Venn diagram. Then, answer the questions.



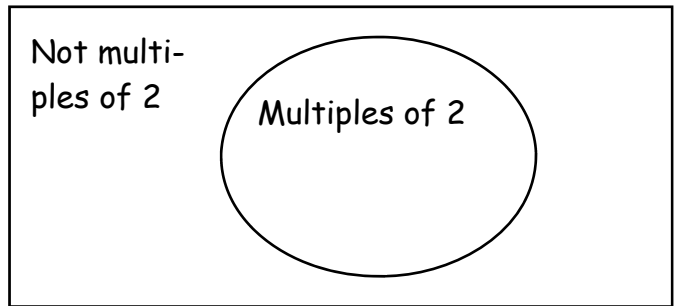
How many shapes are squares? _____ How many 'blue squares do you have? _____

How many shapes are blue? _____

Draw the shapes on the diagram in the right place.

Venn Diagrams

1) Sort this information into a Venn diagram like this one and then answer the questions in your books.



3, 6, 10, 12, 15, 17, 18, 28, 29, 30, 36, 39, 41, 44, 48, 50

How many multiples of 2 are there?

How many 'not multiples of 2' are there?

2) Now, draw a different Venn diagram and then sort the following numbers into ones that are multiples of 5. Give the Venn diagram suitable labels for the rectangle and the circle too, and then answer the questions.

1, 3, 4, 8, 10, 13, 22, 23, 28, 30, 31, 32, 49, 52, 54, 55

How many multiples of 5 are there?

How many 'not multiples of 5' are there?

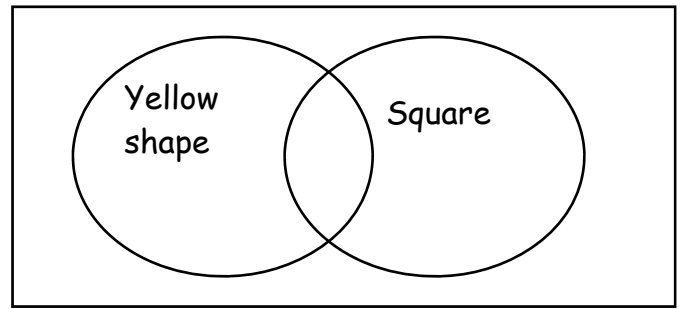
3) Choose 10 numbers between 1 and 20. Sort them into odd or not odd numbers. Give your Venn diagram suitable labels for the rectangle and circle. How many of each are there?

How many of each are there from the rectangle and circle part of your Venn diagram?

4) Make up one of your own!

Venn Diagrams

1) Select ten shapes and then sort them into a Venn diagram like this one and then answer the questions in your books.



How many of your chosen shapes are yellow?
How many of your chosen shapes are squares?
How many of your chosen shapes are yellow squares?
How many of your chosen shapes are left over?

2) Now, draw a different Venn diagram and then sort the following numbers into numbers that are multiples of 5 and numbers that are even. Give the Venn diagram suitable labels for the rectangle and the circles too, and then answer the questions.

Remember: a multiple of 5 is any number that can be shared equally by 5—these numbers end in '5' or '0'.

2, 5, 8, 10, 11, 13, 15, 16, 20, 25, 28, 30, 35, 45, 49, 54

How many of these numbers are multiples of 5?
How many of these numbers are even and a multiple of 5?
How many of these numbers are even and not a multiple of 5?
How many of these numbers are not a multiple of 5 or even?

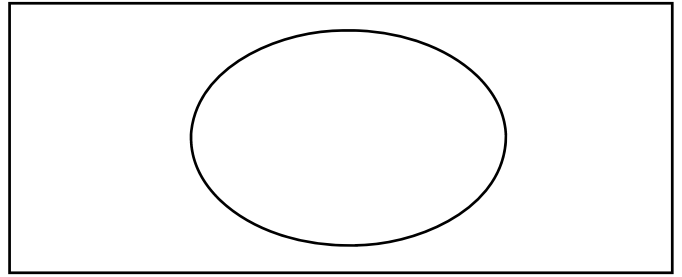
3) Choose 10 numbers between 1 and 20. Sort them into numbers that are odd and numbers that are less than 10. Give your Venn diagram suitable labels for the rectangle and both of the circles.

How many of your numbers are odd?
How many of your numbers are less than 10 and odd?
How many of your numbers are not odd and not less than 10?

4) Make up one of your own!

Venn Diagrams

Record the information into a Venn diagram like this one-remember your title and labels on both the rectangle and the circle of the Venn diagram.



1) Sort this information into multiples of 2 or not multiples of 2.

3, 6, 10, 12, 15, 17, 18, 28, 29, 30, 36, 39, 41, 44, 48, 50

How many multiples of 2 are there? How many not multiples of 2 are there?

2) Choose 10 numbers between 1 and 20, and sort them into odd numbers or not odd numbers.

How many odd numbers are there? How many not odd numbers are there?

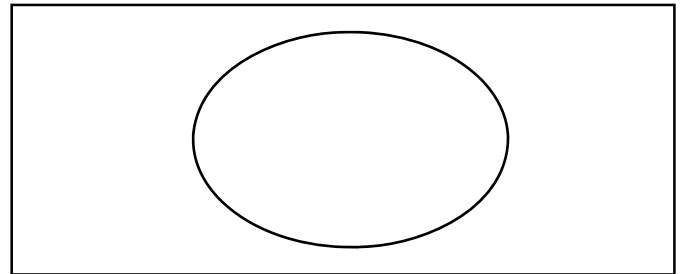
3) Choose 10 numbers between 10 and 50, and sort them into multiple of 5 or not multiples of 5.

How many multiples of 5 are there? How many not multiples of 5 are there?

4) Make up 2 of your own!

Venn Diagrams

Record the information into a Venn diagram like this one-remember your title and labels on both the rectangle and the circle of the Venn diagram.



1) Sort this information into multiples of 2 or not multiples of 2.

3, 6, 10, 12, 15, 17, 18, 28, 29, 30, 36, 39, 41, 44, 48, 50

How many multiples of 2 are there? How many not multiples of 2 are there?

2) Choose 10 numbers between 1 and 20, and sort them into odd numbers or not odd numbers.

How many odd numbers are there? How many not odd numbers are there?

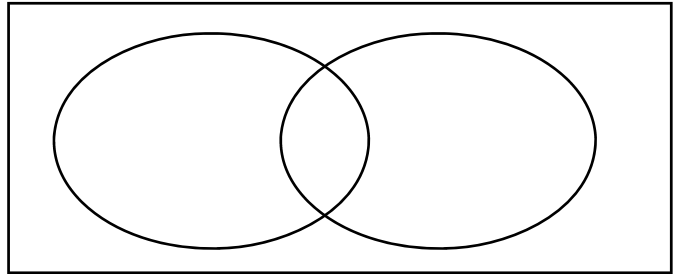
3) Choose 10 numbers between 10 and 50, and sort them into multiple of 5 or not multiples of 5.

How many multiples of 5 are there? How many not multiples of 5 are there?

4) Make up 2 of your own!

Venn Diagrams

Record the following information into a Venn diagram like this one—remember your title and labels on both the rectangle and both of the circles of the Venn diagram.



1) Sort this information into numbers that are multiples of 5 and numbers that are even. What information will you sort into the overlapping part?

3, 5, 6, 10, 12, 15, 17, 18, 20, 25, 29, 30, 36, 39, 40, 41, 44, 48, 50

- How many numbers are multiples of 5?
- How many numbers are even and a multiple of 5?
- How many numbers are not even and not a multiple of 5?

2) Choose 10 numbers between 1 and 20, and sort them into numbers that are odd and numbers that are less than 10. What information will you sort into the overlapping part?

- How many numbers are odd?
- How many numbers are less than 10?
- How many numbers are odd and less than 10?
- How many numbers are not odd and not less than 10?

3) Choose 10 numbers between 10 and 50, and sort them into numbers that are a multiple of 2 and numbers that are more than 30. What information will you sort into the overlapping part?

- How many numbers are multiples of 2?
- How many numbers are more than 30?
- How many numbers are multiples of 2 and more than 30?
- How many numbers are not multiples of 2 and not more than 30?

4) Using the shapes, choose 10. Sort them into shapes that are blue and shapes that are triangles. What information will you sort into the overlapping part?

- How many shapes are blue?
- How many shapes are triangles?
- How many shapes are blue triangles?
- How many shapes are not blue and not triangles?

5) Make up 2 of your own!