

Name: _____

Day: _____

Date: _____



Subject: Math
Review Paper
Topic :Second month
exam

Support Department

Q1: Write each percentage as a fraction with denominator 100.

1) $35\% = \frac{\quad}{100}$

2) $8\% = \frac{\quad}{100}$

3) $62\% = \frac{\quad}{100}$

Q2: Write the percentage as a simplified fraction

1) $50\% = \frac{\quad}{\quad}$

2) $25\% = \frac{\quad}{\quad}$

3) $75\% = \frac{\quad}{\quad}$

Q3: Complete the table with the correct form

Fraction	Decimal	Percentage
<u> </u>	<u> </u>	5%
<u> </u>	0.8	<u> </u>
$\frac{3}{5}$	<u> </u>	<u> </u>

Q4: Order from Smallest to Largest

1. 25% , $\frac{1}{2}$, $\frac{3}{10}$

Answer:

2. 60% , $\frac{2}{5}$, $\frac{1}{4}$

Answer:

Q5: Write ($<$, $>$, or $=$) to compare :

1. 40% ____ $\frac{1}{10}$

2. 60% ____ 0.2

3. 20% ____ $\frac{1}{4}$

4. 82% ____ $\frac{4}{5}$

Q6: Read each situation. Write the probability word that fits best from the box :

[Certain , Likely , Equal Chance , Unlikely , Impossible]

1. You flip a coin. What's the chance of getting tails ?

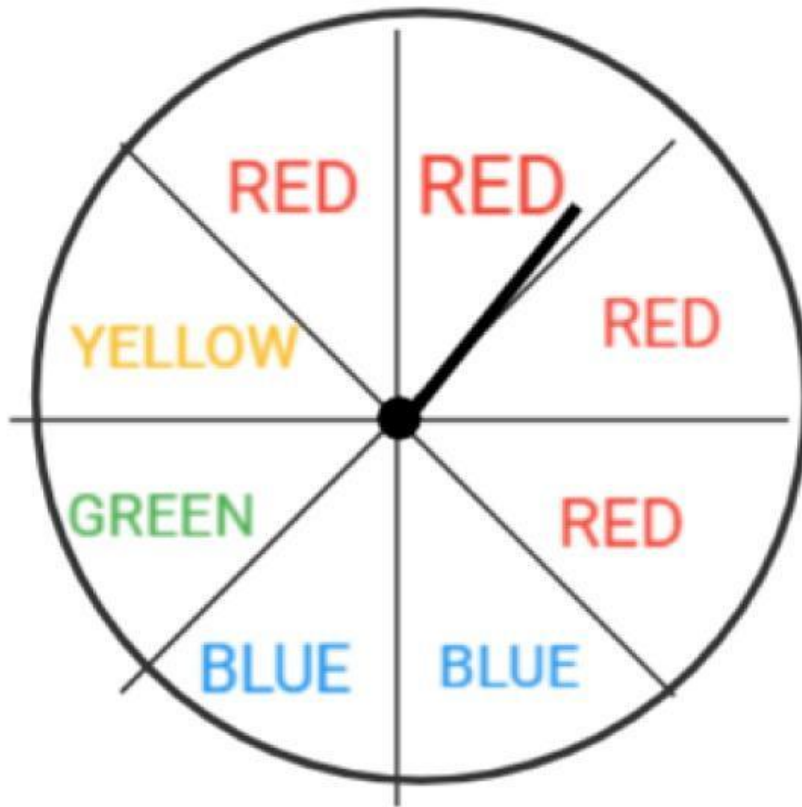
2. It is raining outside. What's the chance you'll build a snowman today?

3. You have a bag with only green marbles. You pick one marble , it is green .

4. A pig will fly tomorrow.

5. You have a bag with 8 red marbles and 2 blue marbles. You pick one marble.It's red

Q7: A spinner has different parts labeled with different colors .Answer the following questions :



A)What is the percentage that represents landing on Red ?

B) Is it certain, likely, unlikely, or impossible to land on Green?

C) Write the fraction that represents the possibility of landing on yellow ?

**Q8: Use tally marks to complete the frequency table.
And then answer the following questions**

Favorite Animal	Tally Marks	Total
Dog	IIII	_____
Cat	IIII	_____
Bird	IIII IIII	_____
Fish	IIII I	_____
TOTAL		

1) Which animal is the most popular?

2) What is the difference between the number of students who chose Fish and Dog?

3) What percentage of students chose Fish?

4) How many students did not choose Bird?

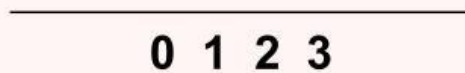
5) What fraction of the students chose dog and Fish? _____

Q9 :Look at the data below. Draw dots on the number line to create a dot plot.

Data: Number of siblings of students

0, 1, 2, 1, 3, 1, 2, 1, 0, 2, 1, 2, 3, 1, 2

Draw your dot plot below:



Q10 :Use the frequency table to draw a bar chart on the grid below.

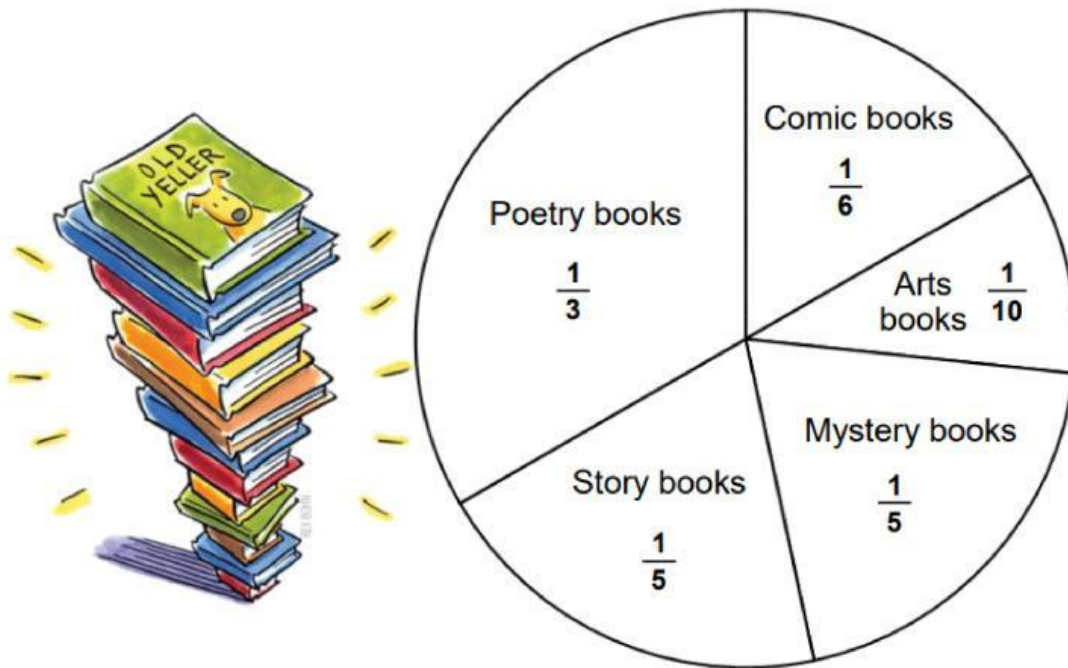
Use this data to draw your bar chart:

Type of Ball	Number
Soccer	5
Basketball	9
Volleyball	6

Draw your bar chart below:



Q11: The pie graph shows data about Dema's book collection. Study the graph and answer the questions below.



1) Which books are collected by Dema the least?

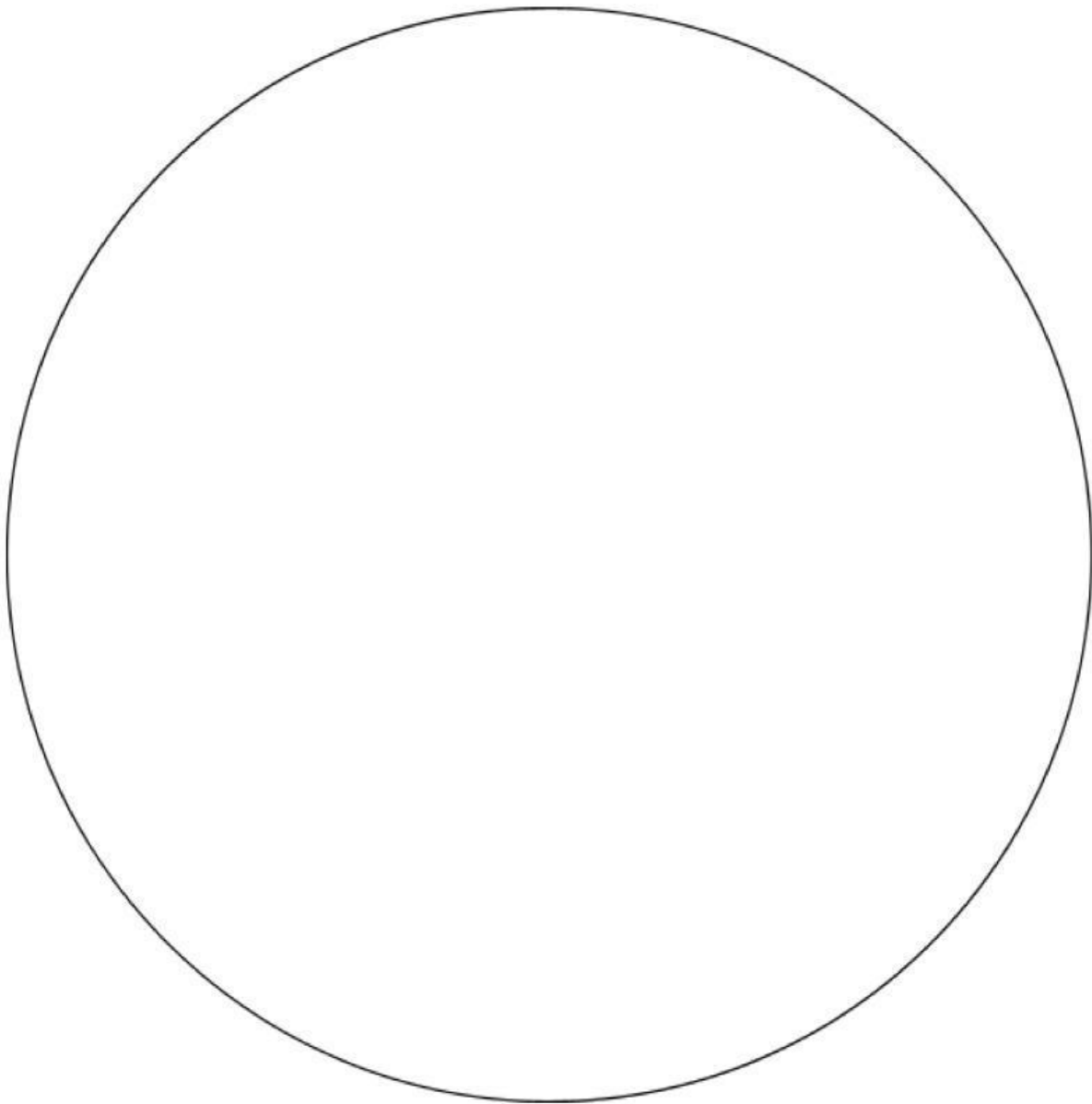
2) What is the percentage of poetry books?

3) If Dema had 80 books in her collection, how many of those are mystery books?

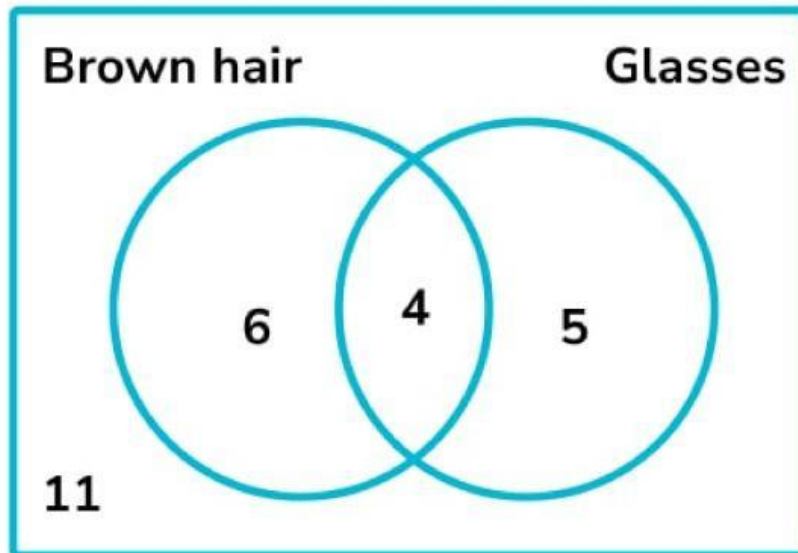
(Help: fraction of an amount)

Q12: Create a pie graph to illustrate the proportion of each item type in the school supplies cupboard, which contains a total of 100 items according to the provided data table.

School supplies	Quantity	Percentage	Angle
Scissors	10		
Pencils	20		
Crayons	25		
Glue	5		
Notebooks	40		



Q13: The Venn diagram shows the distribution of people with brown hair and people who wear glasses. Use it to answer the following questions



- 1) How many students have brown hair only?
.....
- 2) How many students have both brown hair and glasses?
.....
- 3) How many students have neither brown hair nor glasses?
.....
- 4) What is the total number of students?
.....

14. Some people were asked whether they like strawberry ice cream or chocolate ice cream. 82% said they like strawberry ice cream and 70% said they like chocolate ice cream. 4% said they like neither.

By putting this information onto a Venn diagram, find the percentage of people who like both strawberry and chocolate ice cream.

