Name: _____

Day:_____

Date: _____

ALLIANCE ACADEMY JORDAN

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% = _____

2)25% = _____

3)75% = _____

LIVEWORKSHEETS

Q3: Complete the table with the correct form

Fraction	Decimal	Percentage
____	_____	5%
____	0.8	_____
$\frac{3}{5}$	_____	_____

LIVEWORKSHEETS

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% ___ $\frac{4}{5}$

LIVEWORKSHEETS

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.

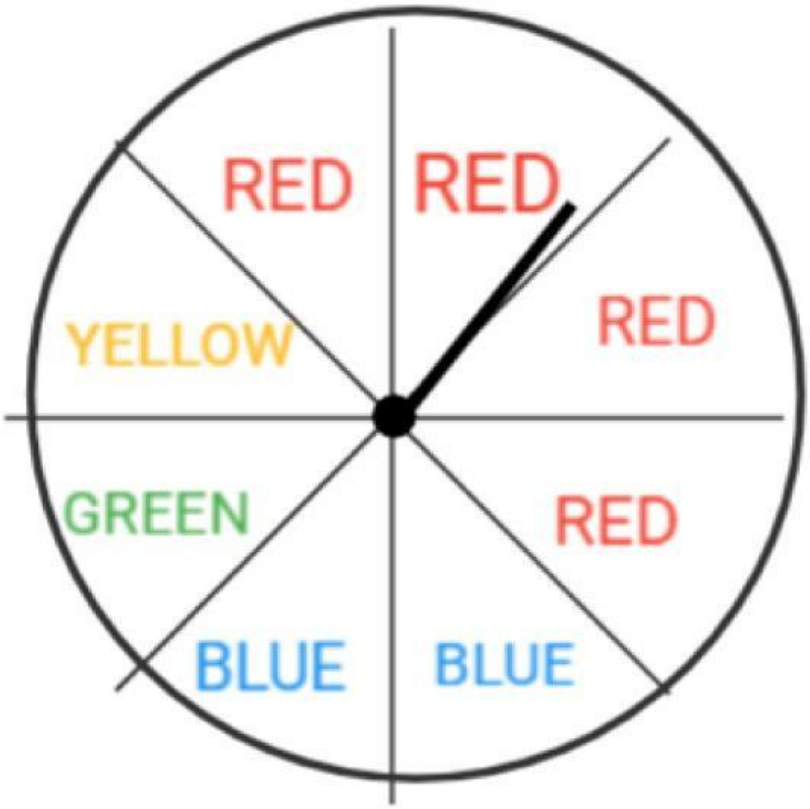
_____

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

_____

LIVEWORKSHEETS

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 ?

_____

LIVEWORKSHEETS

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

Favorite Animal	Tally Marks	Total
Dog	IIIII	_____
Cat	IIII	_____
Bird	IIIII IIII	_____
Fish	IIIII 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?_____

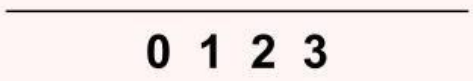
LIVEWORKSHEETS

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:



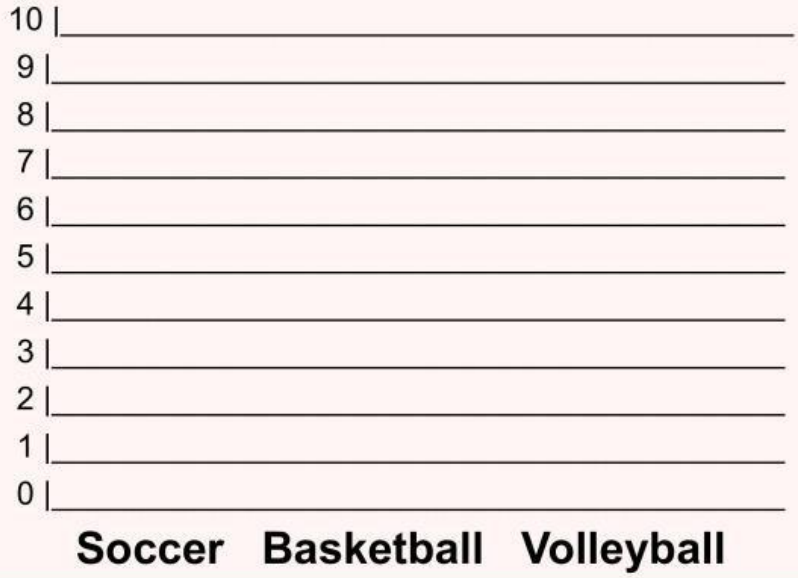
LIVEWORKSHEETS

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

Use this data to draw your bar chart:

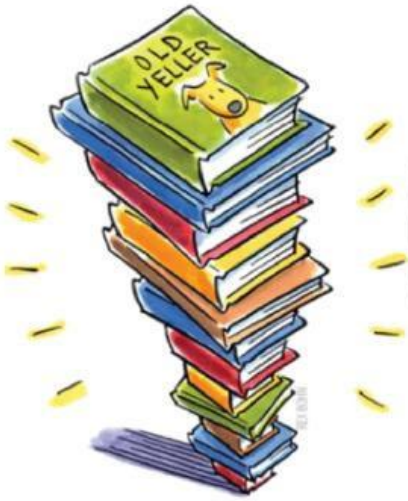
Type of Ball	Number
Soccer	5
Basketball	9
Volleyball	6

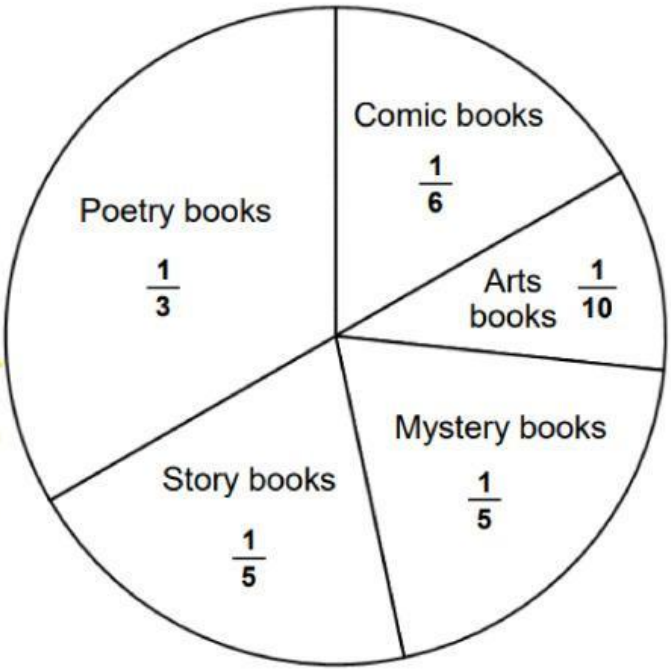
Draw your bar chart below:



LIVEWORKSHEETS

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)

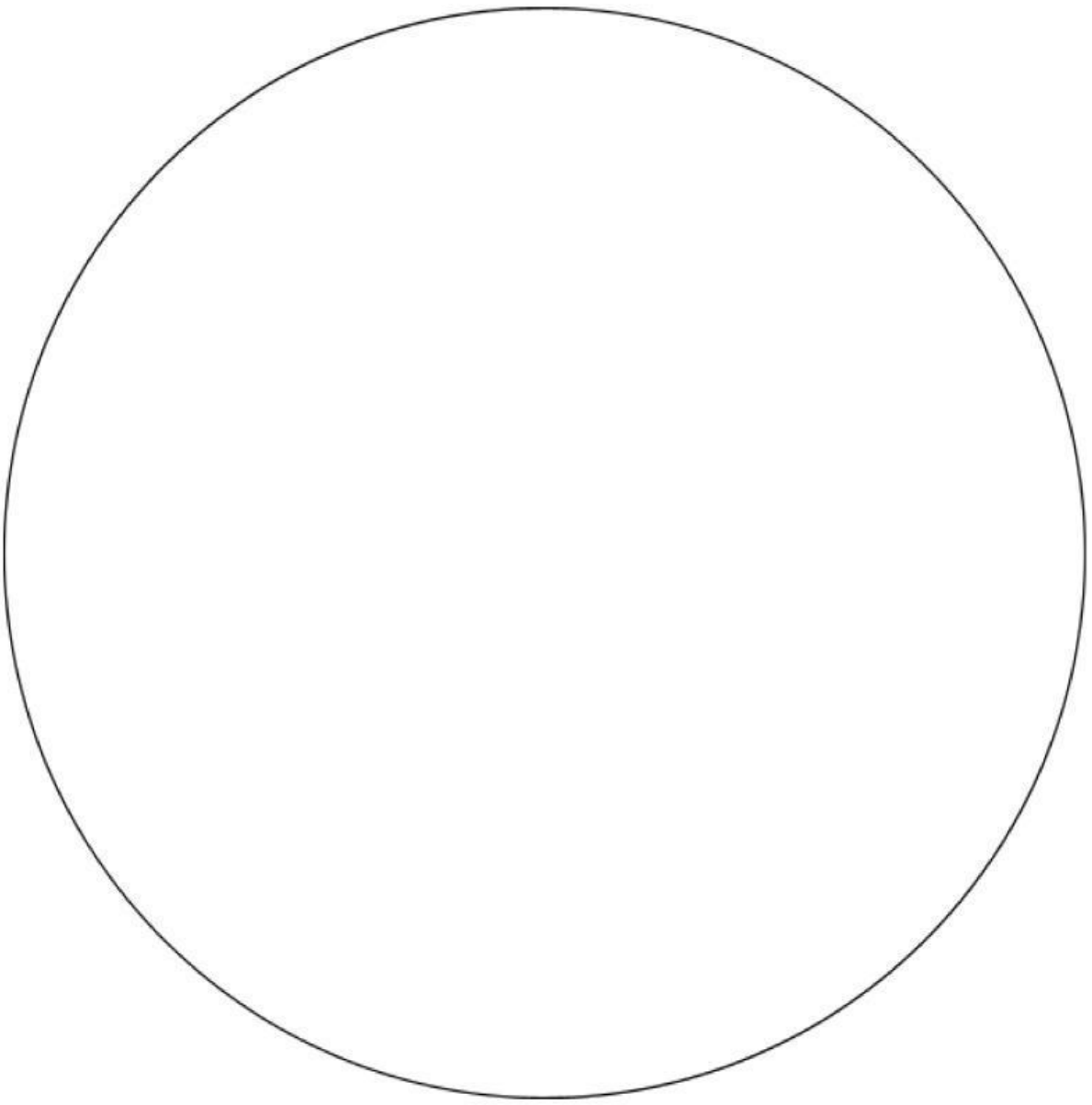
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LIVEWORKSHEETS

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.

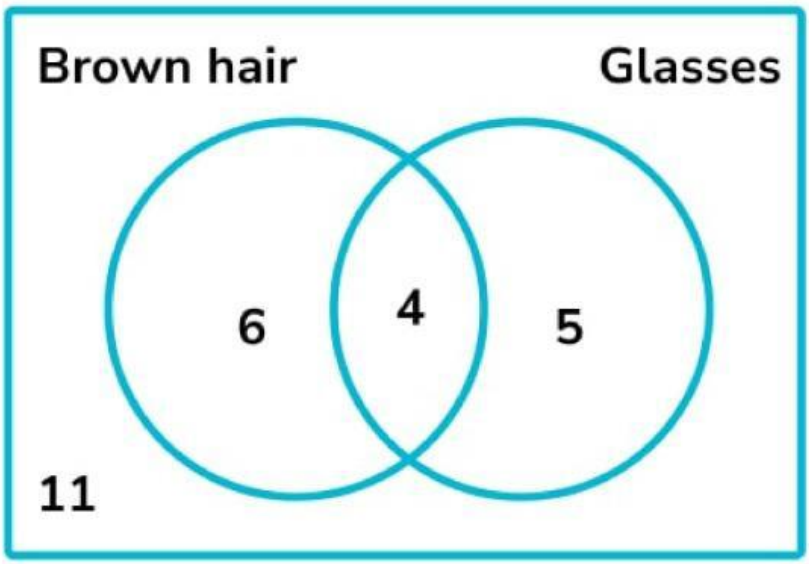
School supplies	Quantity	Percentage	Angle
Scissors	10		
Pencils	20		
Crayons	25		
Glue	5		
Notebooks	40		

LIVEWORKSHEETS



LIVEWORKSHEETS

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?

   —----------

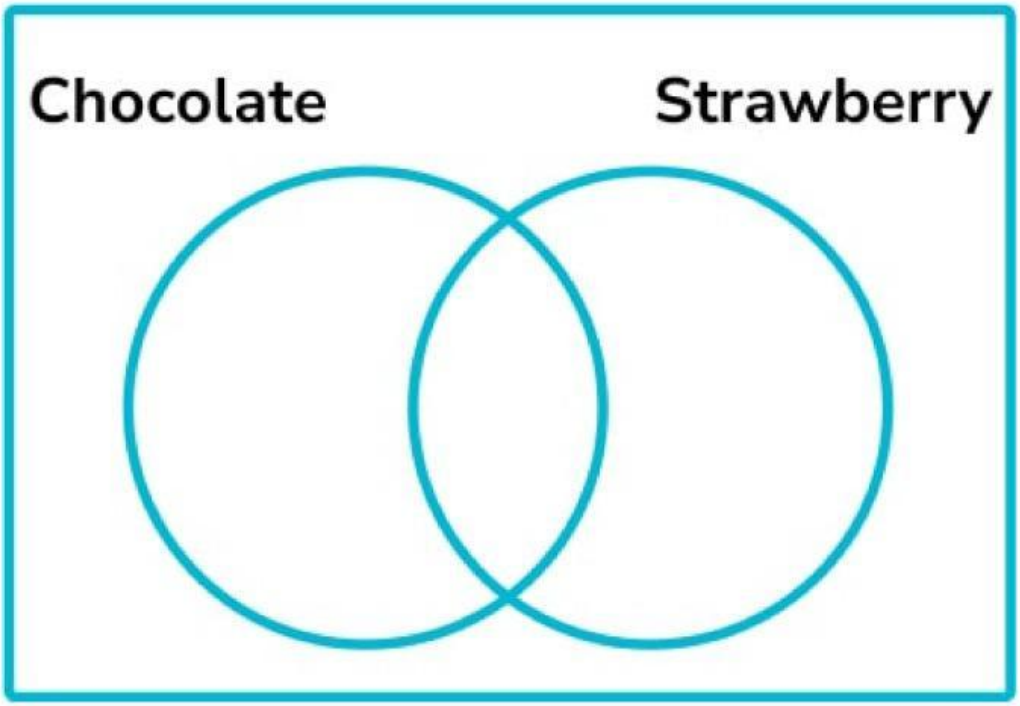
4) What is the total number of students?

   —----------

LIVEWORKSHEETS

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.



LIVEWORKSHEETS