



MR BRAIN
ACADEMY

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Revision

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Math G4

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Q1) Choose the correct answer:

A) $\frac{3}{5} = \frac{\dots\dots}{15}$

(3 or 6 or 9)

B) $\frac{2}{10} \approx \dots\dots\dots$ (is closer to)

(0 or $\frac{1}{2}$ or 1)

C) 0.7 is equivalent to

(0.07 or 0.70 or 7.00)

D) $\frac{50}{100}$ is equivalent to

($\frac{5}{10}$ or $\frac{50}{10}$ or $\frac{500}{100}$)



E) The value of the digit 4 in the number 1.24 is

.....

(4 or 0.4 or 0.04)

F) $\frac{4}{10}$... 0.40

(< or > or = or otherwise)

G) The value of the digit 6 in the number 54.64 is

.....

(6 or 0.6 or 0.06)

H) The place value of the digit 3 in the number

7.83 is

(Tens or Tenths or Hundredths)



I) $\frac{14}{100} + \frac{4}{10} = \dots\dots\dots$

($\frac{18}{100}$ or $\frac{54}{100}$ or $\frac{44}{100}$)

J) The expanded form of this number 2.46 is

$\dots\dots\dots$

($2+0.6+0.4$ or $2+0.4+0.06$ or $2+0.6+0.04$)

K) $2.4 = \dots\dots\dots$ tenths

(240 or 24 or 0.24)

L) $\frac{10}{10} \times \frac{1}{6} = \dots\dots\dots$ (in the simplest form)

($\frac{11}{60}$ or $\frac{10}{60}$ or $\frac{1}{6}$)



M) 87 hundredths =

(0.87 or 8.7 or 7.8)

N) Five and eight hundredths is written as

.....

(8.5 or 5.8 or 5.08)

O) 0.43 0.6

(< or > or = or otherwise)

P) 3 tenths 3 hundredths

(< or > or = or otherwise)

Q) 2.7 = hundredths

(27 or 270 or 0.27)



R) The unit form of the following number 15.46
is

- 1 tens, 5 ones, 4 hundredths, and 6 tenths
- 1 tens, 5 ones, 4 tenths, and 6 hundredths
- 1 ones, 5 tenths, 4 tenths, and 6 hundredths

S) The standard form of the following number
(Fifty-three and nine hundredths) is

(53.9 or 53.09 or 5.39)

T) $\frac{4}{10} \dots \frac{40}{100}$

(< or > or = or otherwise)



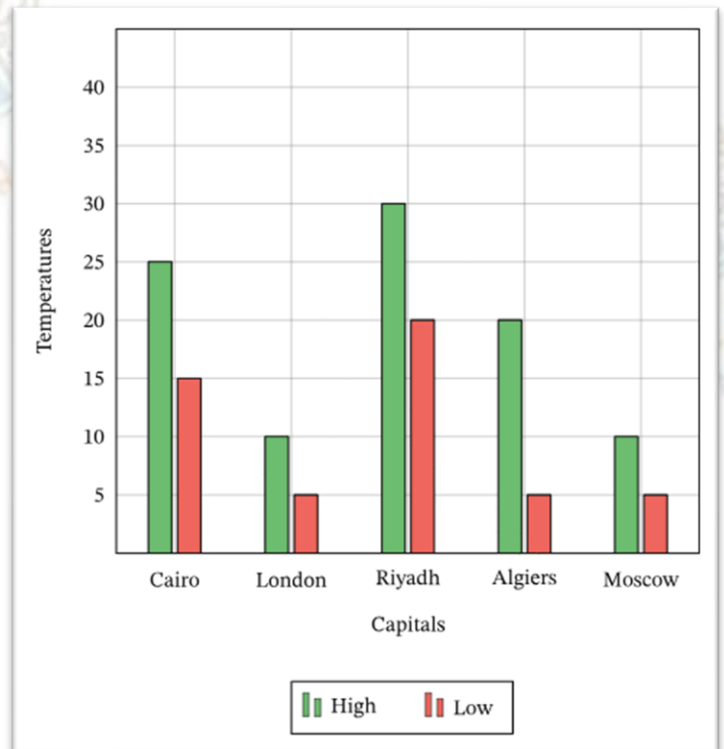
Q2) Complete

From the opposite bar graph (Answer the following questions)

1. The highest temperature in London is **10 degrees**

2. The highest temperature in Riyadh is **30 degrees**

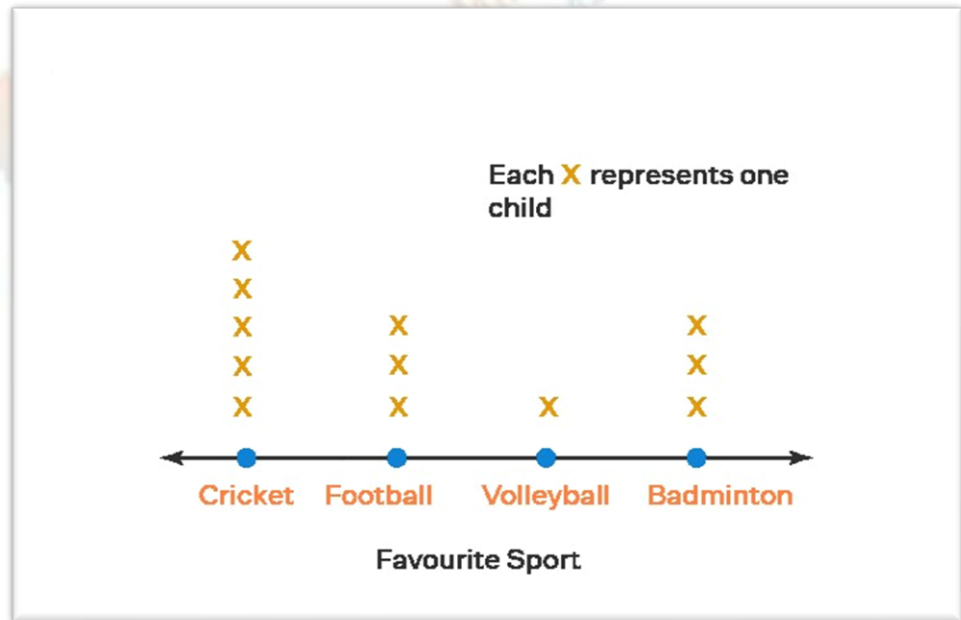
3. The lowest temperature in Cairo is **15 degrees**



4. The lowest temperature in Algiers is **5 degrees**



From the opposite line plot (Answer the following questions)



1. The number of Childs who chooses football as it's favorite sport is **3**
2. The number of Childs who chooses cricket as it's favorite sport is **5**
3. The most favorite sport is **cricket**
4. The least favorite sport is **volleyball**
5. The total number of Childs is **12**



6. Write the missing number: a) $\frac{20}{100} = \frac{2}{10}$

b) $\frac{4}{10} = \frac{40}{100}$

- What is the equivalent decimal number for each:

(a) $12\frac{1}{10} = 12.1$

(b) $5\frac{5}{10} = 5.5$

- The representation which has no bars is called

line plot

- In the data is numerical, we can use **line plot** to represent it on the number line.



Q3) Answer the following :

- If Maged's home is 0.57 km from the school,
While Samy's home is $\frac{5}{10}$ km from the school.

Who has to walk a long distance to the school? **Maged**

- Sally bought $\frac{3}{10}$ of a meter of fabric. She went to the store and bought another $\frac{35}{100}$ of a meter.

How much fabric did she have in all?

$$\frac{3}{10} + \frac{35}{100} = \frac{30}{100} + \frac{35}{100} = \frac{65}{100} \text{ of a meter}$$



- Hossam walked $\frac{7}{10}$ Kilometers then he walked $\frac{22}{100}$ kilometers else. How long did Hossam walk to the home?

$$\frac{7}{10} + \frac{22}{100} = \frac{70}{100} + \frac{22}{100} = \frac{92}{100} \text{ kilometers}$$

- Adam drank 0.8 liter of juice. Mohammed drank $\frac{79}{100}$ liter of juice. How drank more?

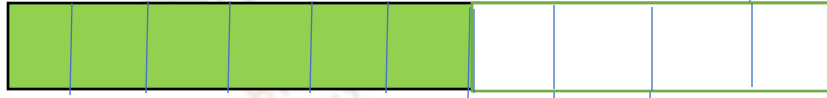
Adam.

- Order from least to greatest: 0.48 0.5 0.14
0.6

The order : 0.14 , 0.48 , 0.5 , 0.6



- What is the decimal fraction that represents the following model? **0.6**



Write the elements of representing graphs.

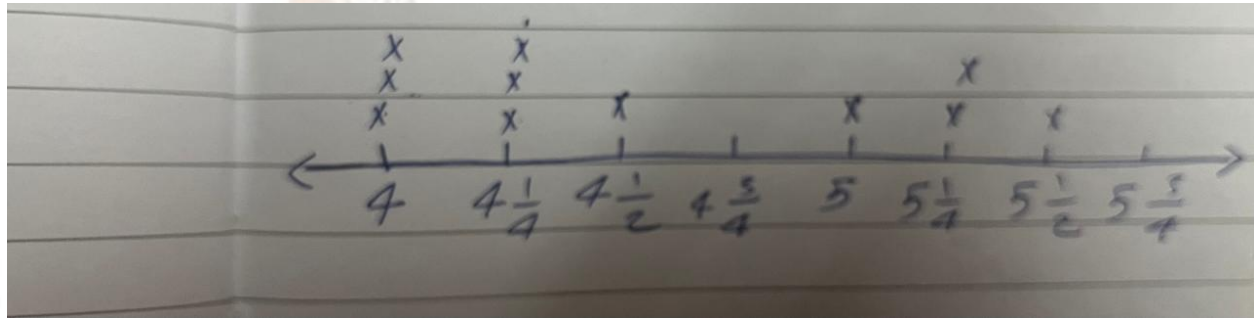
1. Title
2. Labels for each axis
3. Scale with increments accurately marked
4. A key if needed

The suitable representation to compare the highest and the lowest temperature of some cities is **double bar graph**

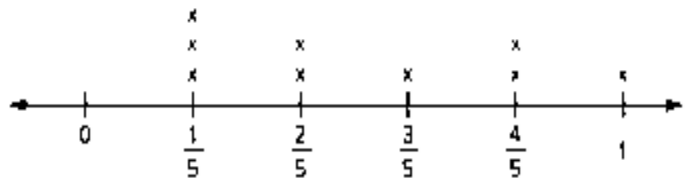


Represent the following heights of some plants in cm using the line plot.

$5\frac{1}{4}$ 4 $4\frac{1}{4}$ $5\frac{1}{4}$ $4\frac{1}{2}$ 5 4 $4\frac{1}{4}$ $5\frac{1}{2}$ $4\frac{1}{4}$ 4



4. From the opposite line plot, the number that has the greatest frequency is

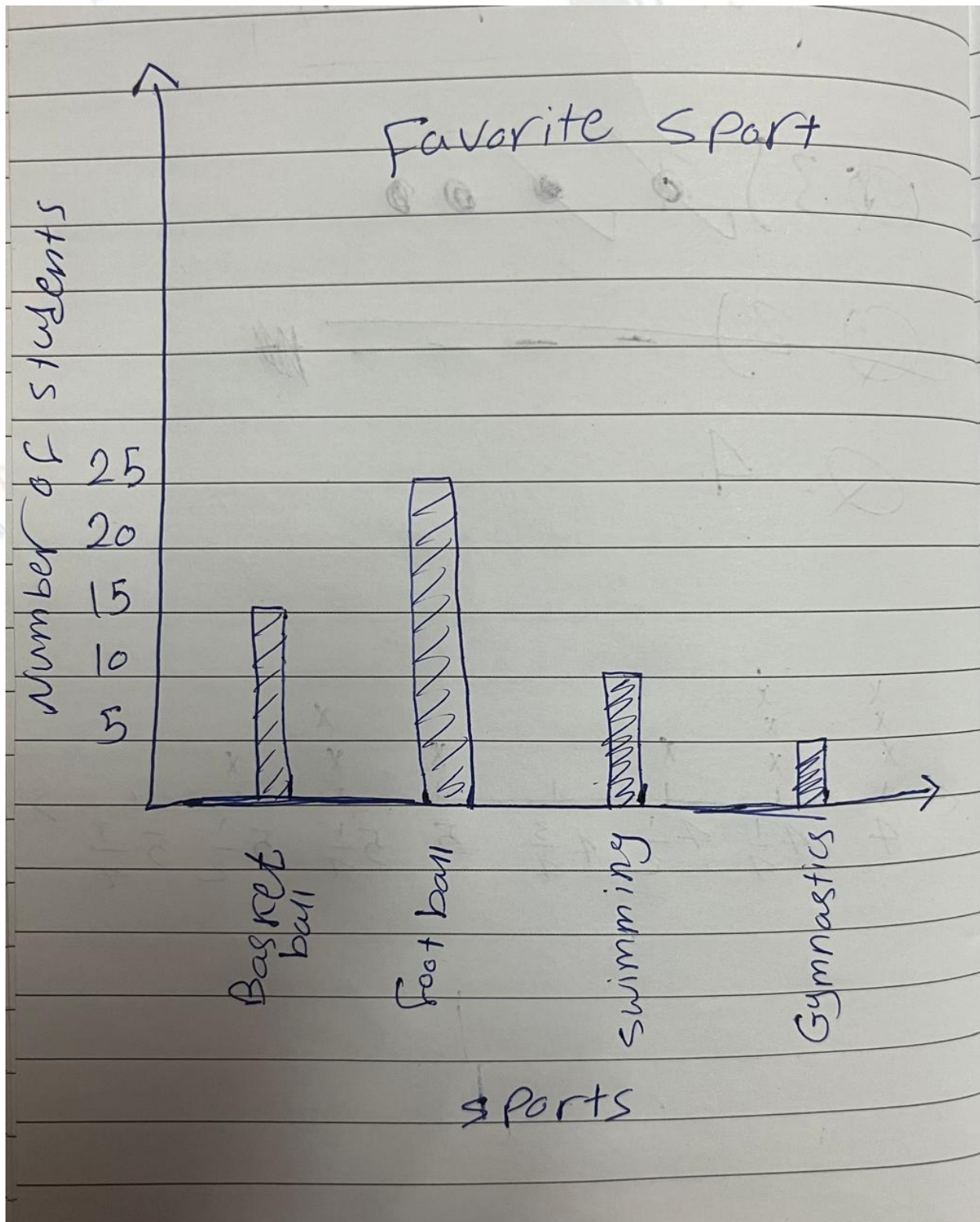


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5. The opposite table shows the favorite sport for some students. Represent these data using the bar graph.

Sport	Basketball	Football	Swimming	Gymnastics
Number of students	15	25	10	5






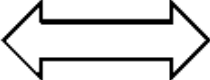
Q.4) Answer the following :

1. What is the name of the opposite figure? ←

Ray

2. How many lines of symmetry of the rectangle? 

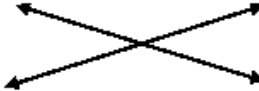
2

3. How many lines of symmetry of the opposite figure? 

2

4. What is name of polygon that has 6 sides? .

Hexagon

5. The opposite lines are called 

Intersecting lines

The horizontal and vertical lines in the graph are called Axis

