

AAGHYA NATHAN

CLASS - IV D

SUB... MATHS





MARATHON

A TRUE TEST OF ENDURANCE



Q) Let us solve some mathematical problems based on the above information:

Q) How many years after the introduction of the men's marathon event in the olympics was the women's event added to the programme?

The year men's marathon was introduced = 1904
The year women's marathon was introduced = 1984

Ans. No. of years after which women's marathon was introduced = $1984 - 1904 = 80$ years
The women's event was added to the programme after 80 years after the introduction of the men's marathon event in the olympics.



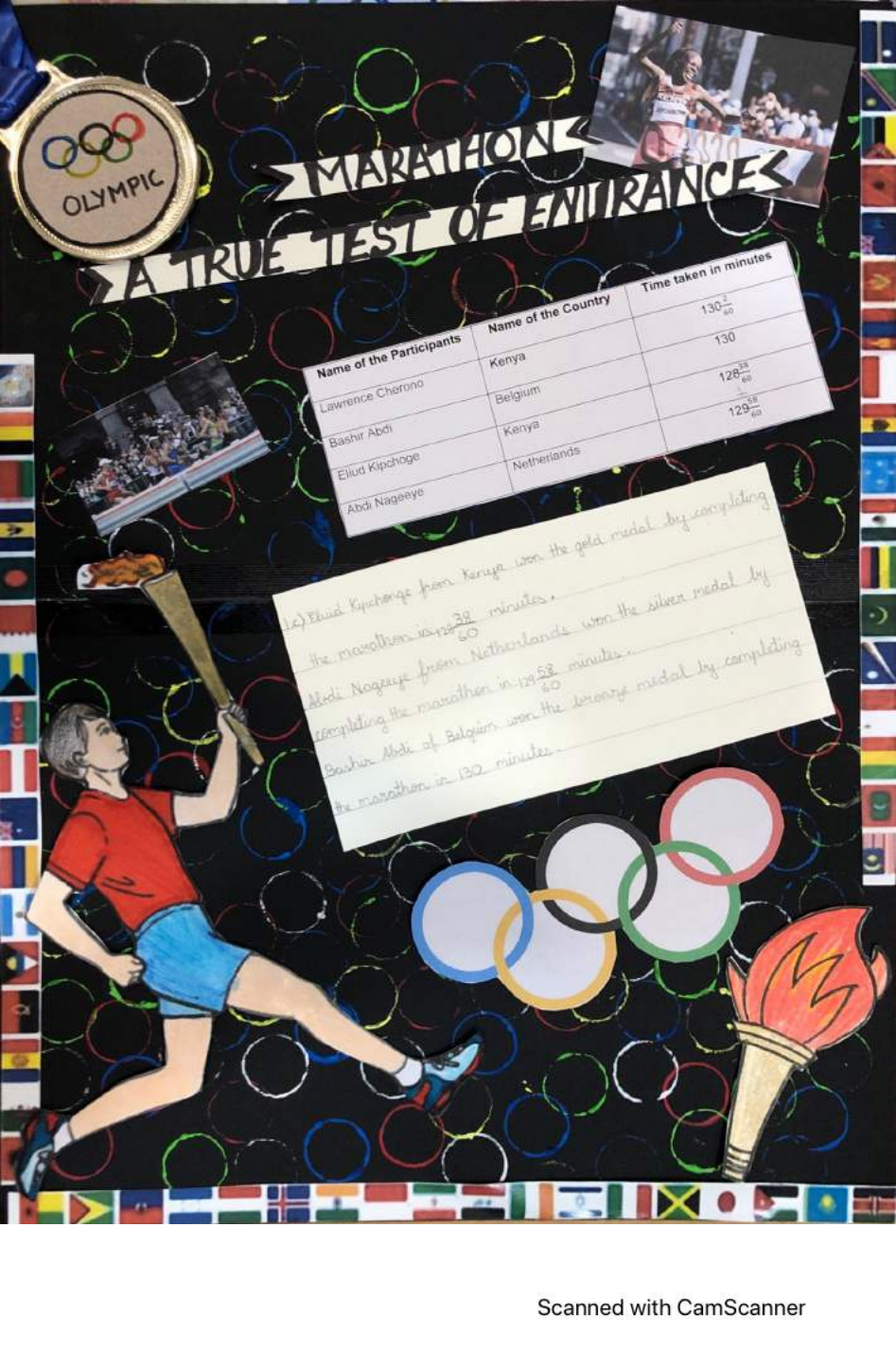
Q) If 1 mile is equal to 1609 metres, then find the distance traversed by phidippides in metres

Ans: 1 mile = 1609 metres
24 miles = 1609×24 metres

$$\begin{array}{r} 24 \\ \times 1609 \\ \hline 1808 \\ 14400 \\ \hline 38516 \end{array}$$

Ans. 38516 metres is traversed by phidippides.





MARATHON A TRUE TEST OF ENDURANCE

Name of the Participants	Name of the Country	Time taken in minutes
Lawrence Cherono	Kenya	$130\frac{1}{60}$
Bashir Abdi	Belgium	130
Elud Kipchoge	Kenya	$128\frac{34}{60}$
Abdi Nageeye	Netherlands	$129\frac{53}{60}$



1.) Elud Kipchoge from Kenya won the gold medal by completing the marathon in $128\frac{34}{60}$ minutes.
 Abdi Nageeye from Netherlands won the silver medal by completing the marathon in $129\frac{53}{60}$ minutes.
 Bashir Abdi of Belgium won the bronze medal by completing the marathon in 130 minutes.





NO. OF MEDALS WON	GOLD	SILVER	BRONZE	TOTAL
1	2	4	7	

2) Given below is the Olympic medal count of India in Tokyo 2020 (held in Jul 23 - August 8 2021 because of the pandemic). Study the given chart below carefully.

a) What is the fraction of gold medals won by India?

Ans - $\frac{1}{7}$ fraction of gold medal is won by India.

b) What is the fraction of bronze medals won by India? Find two equivalent fractions of it.

Ans - $\frac{4}{7}$ fraction of bronze medal is won by India.
Two equivalent fraction are $\frac{4 \times 2}{7 \times 2} = \frac{8}{14}$ and $\frac{4 \times 2}{7 \times 2} = \frac{16}{28}$

c) Represent the fraction of silver medals won by India diagrammatically.





SKI JUMP

21) Albert the Albatross (of Albania) jumps exactly 90 metres and scores a perfect 60 for style. How many points does he score?

$$90 - 60 = 30$$

$$30 \times 2 = 60$$

$$60 + 60 = 120$$

He scored 120 points



22) Abby the Albatross (of Kazakhstan) jumps 95 metres and scores a total of 50 style points. How many points does he score?

$$95 - 60 = 35$$

$$35 \times 2 = 70$$

$$70 + 50 = 120$$

He scored 120 points



23) From the above calculation I find out which player won and which player lost the Ski Jump competition.

24) From the above calculation I found out that both the players scored the exact same points. So no one won or lost. It was a tie.





OLYMPICS

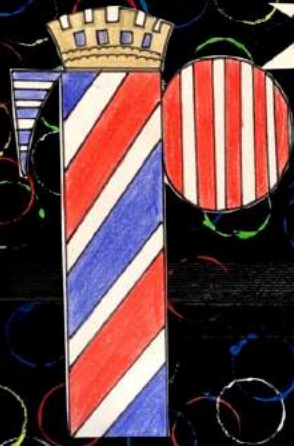
LOGO



RECTANGLE

TRIANGLE

CIRCLE



PARIS 2024

STAW JAVELIN THROW

Materials: Drinking straw, Tape measure



THROW	ESTIMATION	ACTUAL
1st throw	400 cm	415 cm
2nd throw	425 cm	430 cm
3rd throw	440 cm	445 cm

Longest distance throw is 445 cm.

