

2020 Summer Olympios medal table [13]

| Rank o | Team ¢ | Gold * | 8liver 0 | Bronze • | Total |
|----------|------------------------|--------|----------|----------|-------|
| t | United States (USA) | 39 | 41 | 33 | 113 |
| 2 | Crina (CHN) | 38 | 32 | 18 | 88 |
| 3. | Japan (JPN)* | 27 | 14 | 17 | 58 |
| 4 | Great Britain (GBR) | 22 | 21 | 22 | 85 |
| 5 | # ROC (ROC) | 20 | 28 | 23 | 71 |
| fi | Australia (Aus) | 17 | 7 | 22 | 45 |
| 7 | Numerlands (NED) | 10 | 12 | 14 | 36 |
| 8 | France (FRA) | 10 | 12 | 11 | 33 |
| 9 | Germany (Gibit) | 10 | 11 | 16 | 37 |
| 10. | Raly (ITA) | 10 | 10 | 20 | 40 |
| 11 | ■■ Canada (CAN) | 7 | 6 | 11 | 24 |
| 12 | Brazil (BHA) | 7 | 6 | 8 | 21 |
| 13 | New Zealand (NZL) | 7 | - 6 | 7 | 20 |
| 14 | Cuba (Cua) | 7 | 3 | 5 | 15 |
| 15 | Hungary (HUN) | 6 | 7 | 7 | 20 |
| 16 | jag South Korsa (KOH) | 6 | .4 | 10 | 20 |
| 17 | Poland (POL) | -4 | - 6 | 5 | 14 |
| 18 | Czech Republic (CZE) | 4 | 4 | 3 | 11 |
| 19 | Kenya (KEN) | 4 | 4 | 2 | 10 |
| 20 | Norway (NDH) | 4 | 2 | 2 | 8 |
| 21 | Jamaica (JAM) | 4 | 1 | 4 | 9 |
| 22 | Spain (ESP) | 3 | 8 | 6 | 17 |
| 23 | Sweden (BWE) | 3 | 6 | 0 | - 9 |
| 24 | Switzedand (8un) | 3 | 4 | - 6 | 13 |
| 25 | Destrack (DEN) | 3 | 4 | 4 | -11 |
| 26 | | 3 | 3 | 2 | |
| 27 | Croatia (CHO) | 3 | | 2 | |
| - | E Pan (HII) | | 2 | - 32 | - 7 |
| 2B 29 | Sorbia (SRB) | 3 | 1 | 3 | 7 |
| 30 | Bolgium (BEL) | 3 | 4 | 2 | |
| | Bulgaria (BUL) | | | | . 6 |
| 31 | Slovenia (SLO) | 3 | - 1 | 1 | . 5 |
| 32 | Uzbekistan (uZB) | 3 | 0 | 2 | - 5 |
| 33 | - Georgia (CEO) | 2 | 5 | 1 | |
| 34 | © Chinese Taipel (FF±) | 2 | 4 | fi fi | 12 |
| 35 | Turkey (fure) | 2 | 2 | 9 | 13 |
| 36 | Greece (GHE) | 2 | -1- | 1 | - 4 |
| | Uganda (UGA) | 2 | 4. | 1 | .4 |
| 38 | Equador (ECU) | - 2 | -1 | 0 | 3 |
| 39 | Feland (IRL) | 2 | 0 | 2 | - 4 |
| | Israel (esin | 2 | 0 | 2 | 4 |
| 41 | Cular (QAI) | 2 | ٥ | | 3 |
| 42 | Bahamas (BAH) | 2 | 8 | 0 | 2 |
| | Kosovo (KOS) | 2 | 0 | 0 | 2 |
| 44 | Ukraine (prot) | | 6 | 12 | 39 |
| 45 | Belanis (scht) | 1 | - 3 | 3. | 7 |
| 46 | Romania (Ridu) | 1 | 3 | Ω | 4 |
| 555 | Venezuela (VEN) | 4 | 3 | ü | 4 |
| 48 | thda (INO) | - 1 | 2 | 4 | 7 |
| 49 | Hang Kong (HKG) | - 1 | 2 | 3 | 6 |
| no. | Philippines (IHI) | - 28 | 2 | 1 | 4 |
| 50 | Slovakia (Svit) | | 2 | 1: | 14 |







Maths Open Book Project



5 Carnations



Srivats Venkata Mandalika

Theme: Olympics - Citius, Altius, Fortius
(ommuniter

1. Medal tally and Scoring in Olympics:

The International Olympic Committee

(IOC) does not officially recognize a

man ranking of participating at the

Olympic Crames. Nevertheless, the TOC does

publish medal tallies for intermation purposes,
showing the total number of Olympic medals

earner eanned by athletes representing each
country's respective National Olympic Committee.

The convention used by the TOC is to sort

by the number of gold medals the athletes
from a country have earned. As the TOC
does not consider its sorting of nations
to be an official ranking system, vanious
methods of ranking are used by the nations.
Let us device our own scoring system to
calculate total points scored by a country.

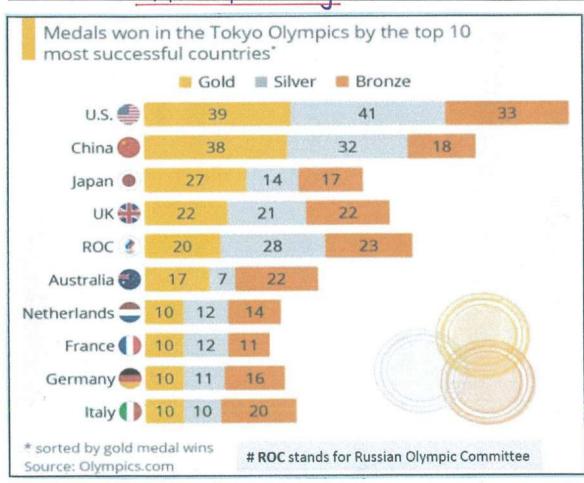
(nold=1 point Silver=1 points Bronze=1
points 9

| Rank | Country and | Gold | Silver | Bronze | Total |
|------|---------------|---------|--------|----------|-----------------------|
| | Its Medals | Points | Points | Points | Score |
| 1. | United States | | | | |
| | of America | | | | 39+41+ |
| - | G S B | 39 x l= | 41x == | | (156+82+ |
| | 39, 41, 33 | 39 | 41 | 33 | = 4 |
| | | | 2 | 4 | = 271 = 67 |
| 2. | China | | 21 | 1 | 4 poin |
| | G S B | 38x1= | 3\$X = | = 18×4= | 38+32+ |
| | 38, 32, 18 | 38 | 382 | 78 18 | (152+64+ |
| | | | 2 | 4 | 4 |
| 3. | Japan, | | 1 | 1 | = 234 = 58 1 |
| | GSB | 27x1= | 14x= | = 17x 4. | 27+14+1 |
| | 27, 14, 17 | 27 | 14 | 17 | (108+28+1 |
| | | | | 4 | 153 - 291 |
| 4. | Great Britai | 0 | 1 | | 4-384 |
| | G S B | 22 x1= | | = 22x4 | = 22+21+ |
| | 22, 21, 22 | 22 | 21 | 22 | (88+42+2 |
| - | | | 2 | 4 | 4 |
| 48. | India | | | | $\frac{15^2}{4} = 38$ |
| | GSB | X = | 2×= | = 4x4 | = 1+1+1=3 |
| | 1 2 4 | 1 | == 1 | 4=1 | |

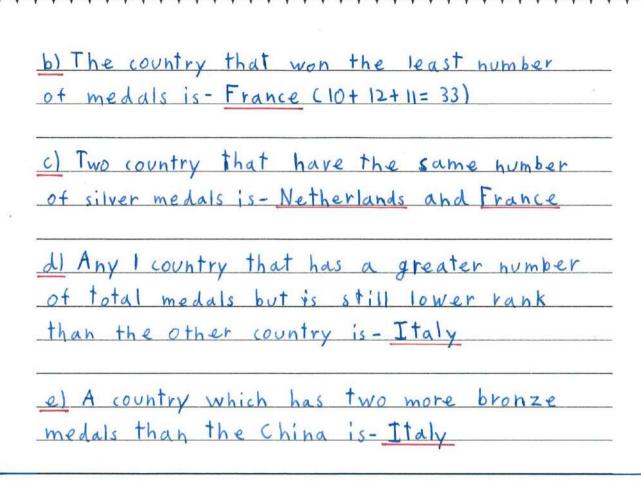
| Rank | Country | Total Score | Rank by our Scoring System |
|------|-----------|-------------|---|
| | | | Scoring System |
| _1. | United | | |
| | States of | 673 points | 131 |
| | America | T | |
| 2 | China | 58 1 points | 2nd ** |
| | CITIVIO | 2 | ** |
| | | | |
| 3. | Japan | 38 _ points | 3" |
| 3 | | 7 ' | |
| 4. | Great | 38 points | 4th |
| Ц. | Britain | 30 points | |
| | | | |
| | | | - th |
| 48. | India. | 3 points | 49 th |
| - | 900 | 000 | 5 East East |
| - | | | 4 |
| | | | |
| | 1000 | 1000 Inc. | 8 |
| = | | (O) | |

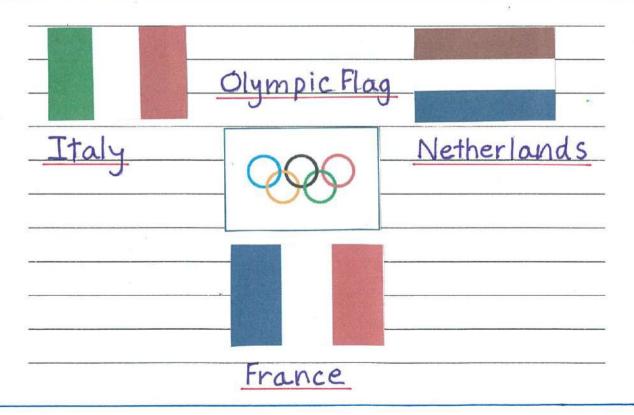
2. Performance Graph: Study the given yraph carefully and answer the questions asked.





a) The country that won the maximum number of medals is- United States of America (39+41+33=113)

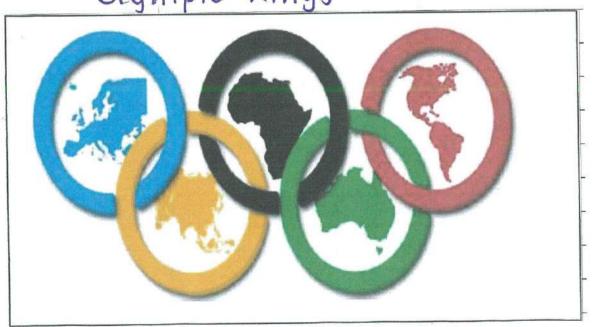




the union of the five continents, the participation of the athletes at these games and express the activity of the Olympic movement. The five coloured rings & represent the five inhabited continents of the world. Thes are Atrica, the America, Asia, Europe and Oceania. Let us find out the total no. of medals won by the 5 continents at the end of Tokyo 2020 Olympics by solving the clues given:

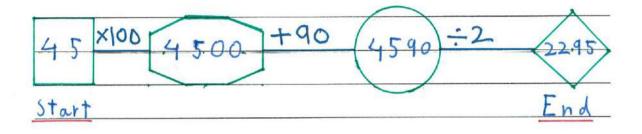
al Blue Ring represents Africa-Total no. of medals work won is one half of 882=

Olympic Rings



| | Black Ring represents Europe- |
|----|--|
| • | It is a 5-digit no. |
| • | The no. formed by the first two digits |
| 15 | s the 4th multiple of 3. |
| | The no. formed by the next two digits is |
| d | prime no. that comes you just after the |
| 4 | th multiple of3 |
| | The last digit at the ones place is the |
| - | first composite no. |
| T | he total no. of medals won by Europe is- |
| , | 12134 |
| | A . A. |
| | Red Ring represents Oceania- |
| | otal no. of medals won is one third of 2151= |
| - | 717 |
| 1 | Valland Director to Armerica |
| | Yellow Ring represents America- |
| | he total no. of medals won by America is-4250 |
| | |
| | The digit in the ones place will make the no. divisible by 5 as well as 10 |
| | The digit in the hundreds place is the |
| | |
| | only even prime no. |
| - | |

e) Green Ring reprents Asia-Total no. of medals is the no. in the end box of the given sum= 2295





4. Make your own Mascot. Meet Invincity. My Mascot derives the name from invincible and city. It indicates the strength of the city and its people to overcome any difficulty and we are invincible. My Mascot has the tollowing unique features: * Popped out eyes indicate the desire to explore, go in-depth and practice till you succeed. * The fat stomach displays its ability to consume all information. * The strong legs indicate the strength to go far with lot of energy. * The hands display its agility to adapt to any condition. * The small years are like antennae and indicates that it accepts only required information and blocks all negative things. * The convocation cap depicts success and victory. * The multi-colour scarf depo depicts unconditional love, sign of hope and exude

| | This mascot will exuberate a feeling of | | | | |
|-----|---|--|--|--|--|
| | togetherness and invincibility. | | | | |
| _ | | | | | |
| | | | | | |
| | Shapes Used: | | | | |
| _ | Solid shapes - Sphere, Cylinder, Cuboid. | | | | |
| - | Plane shapes - Circle, Square, Rectangle. | | | | |
| _ | | | | | |
| - | | | | | |
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| 10 | | | | | |
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