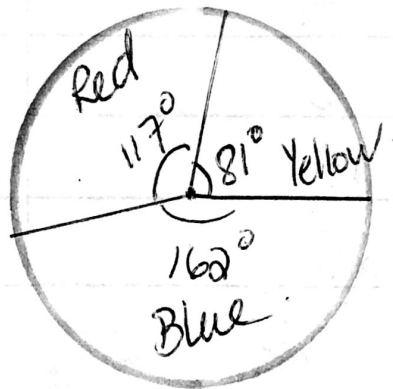


1. a) Determine the measure of the central angle of the sector corresponding to each colour.

Colour	Frequency	%	Central Angle
Blue	18	$\frac{18}{40}$ 45%	162° $\frac{45 \times 360}{100}$
Yellow	9	$\frac{9}{40}$ 22.5%	81°
Red	13	$\frac{13}{40}$ 32.5%	117°
TOTAL	40	100%	360°

b) Draw a circle graph representing the different sectors of colours.



2. Determine the central angle for each corresponding sport category.

Sport	%	Central
Baseball	12	43.2
Basketball	16	57.6
Football	10	36
Hockey	24	86.4
Soccer	38	136.8
TOTAL	100	360

3. Determine the measure of the central angle of each of the sectors.

Country	Frequency	%	Central Angle
United States	17 969 830	68.6%	247
United States Canada	4 960 042	19.9%	68.4
France	1 100 916	4.2%	15°
Other	2 166 375	8.2%	29.6°
TOTAL	26 197 163	100%	360

4. Complete the table.

$$\frac{137}{360} \times 100$$

Country	%	Central Angle
Burkina Faso	38	137°
Guinea	10	237 37°
Uganda	24	297 86°
Somalia	28	74 100°

Draw the circle graph!!!

$$100\%$$

$$360^\circ$$

