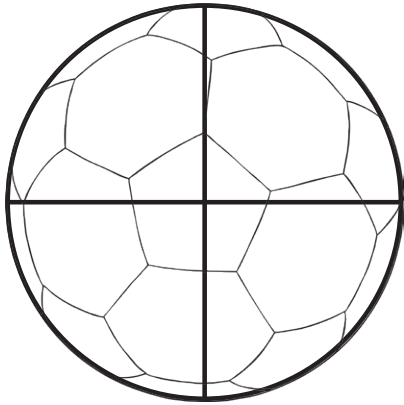
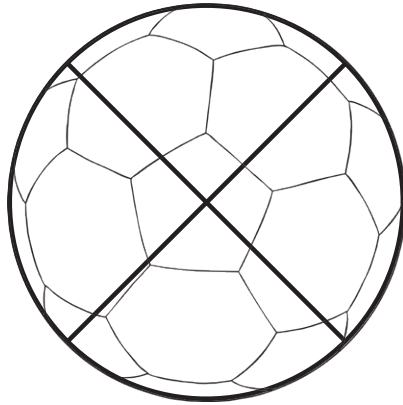


Football-Themed Stained Glass Fractions

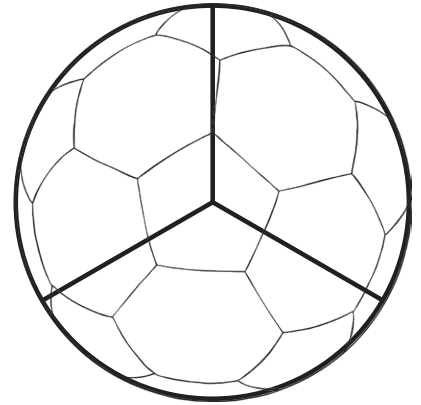
Colour the football stained-glass windows to match the fractions listed.



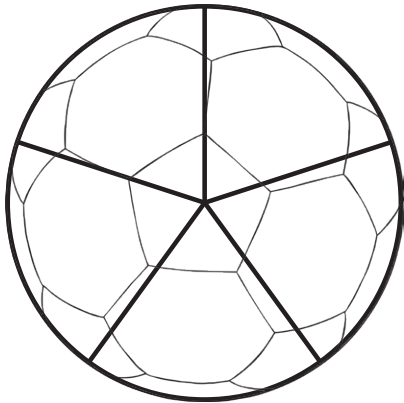
$\frac{1}{2}$: red
 $\frac{1}{4}$: blue
 $\frac{1}{4}$: yellow



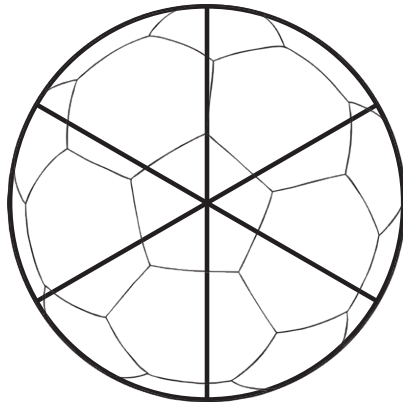
$\frac{3}{4}$: blue
 $\frac{1}{4}$: yellow



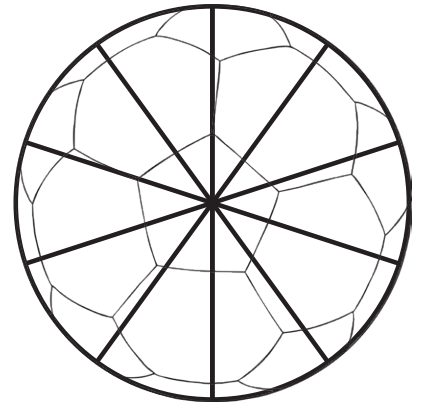
$\frac{2}{3}$: green
 $\frac{1}{3}$: red



$\frac{1}{5}$: red
 $\frac{2}{5}$: blue
 $\frac{2}{5}$: yellow



$\frac{1}{6}$: green
 $\frac{2}{6}$: yellow
 $\frac{1}{2}$: blue



$\frac{1}{10}$: blue
 $\frac{1}{10}$: yellow
 $\frac{3}{10}$: red
 $\frac{1}{2}$: green

Challenge

Use your fraction knowledge to answer these questions:

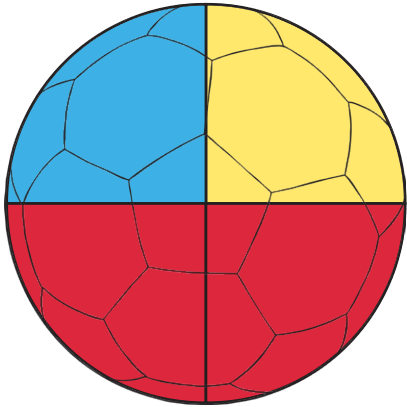
1. $\frac{1}{2}$ of 6 =

2. $\frac{1}{4}$ of 4 =

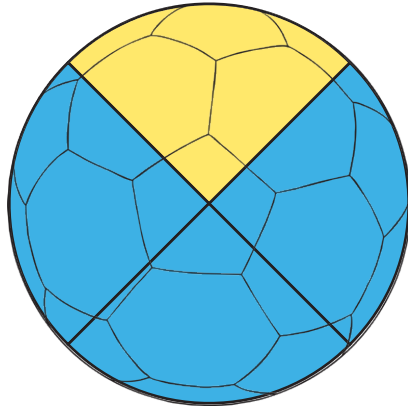
3. $\frac{3}{4}$ of 8 =

Football-Themed Stained Glass Fractions

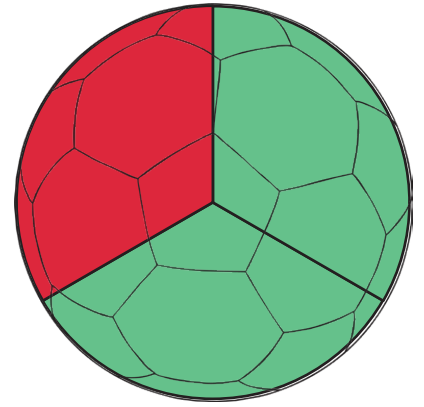
Answers



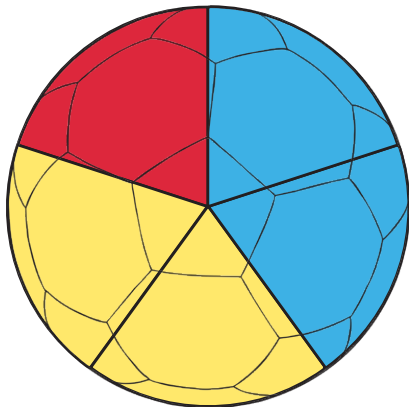
$\frac{1}{2}$: red (2 sections coloured)
 $\frac{1}{4}$: blue (1 section coloured)
 $\frac{1}{4}$: yellow (1 section coloured)



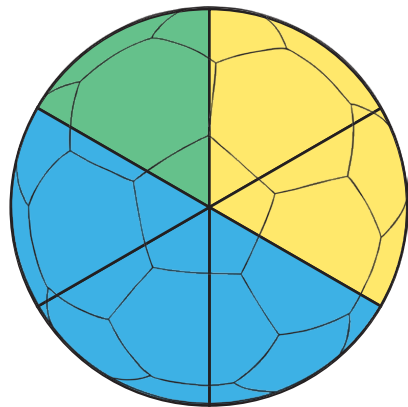
$\frac{3}{4}$: blue (3 sections coloured)
 $\frac{1}{4}$: yellow (1 section coloured)



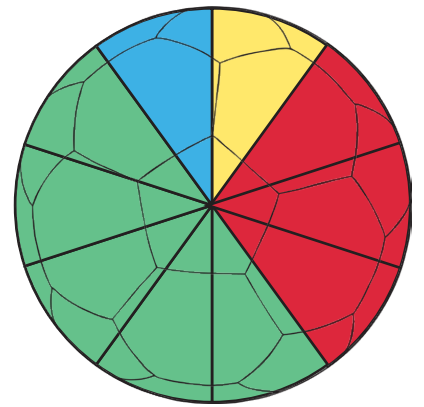
$\frac{2}{3}$: green (2 sections coloured)
 $\frac{1}{3}$: red (1 section coloured)



$\frac{1}{5}$: red (1 section coloured)
 $\frac{2}{5}$: blue (2 sections coloured)
 $\frac{2}{5}$: yellow (2 sections coloured)



$\frac{1}{6}$: green (1 section coloured)
 $\frac{2}{6}$: yellow (2 sections coloured)
 $\frac{1}{2}$: blue (3 sections coloured)



$\frac{1}{10}$: blue (1 section coloured)
 $\frac{1}{10}$: yellow (1 section coloured)
 $\frac{3}{10}$: red (3 sections coloured)
 $\frac{1}{2}$: green (5 sections coloured)

Challenge

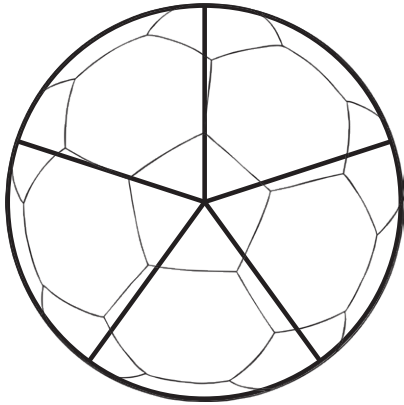
1. $\frac{1}{2}$ of 6 =

2. $\frac{1}{4}$ of 4 =

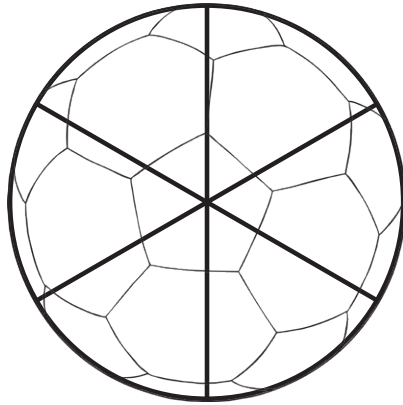
3. $\frac{3}{4}$ of 8 =

Football-Themed Stained Glass Fractions

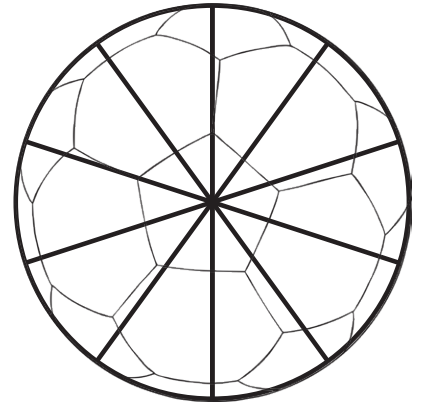
Colour the football stained-glass windows to match the fractions listed.



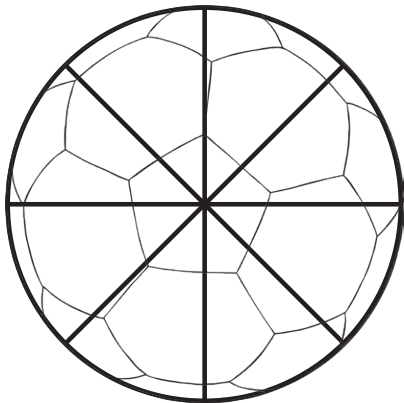
$\frac{2}{5}$: green
 $\frac{3}{5}$: blue



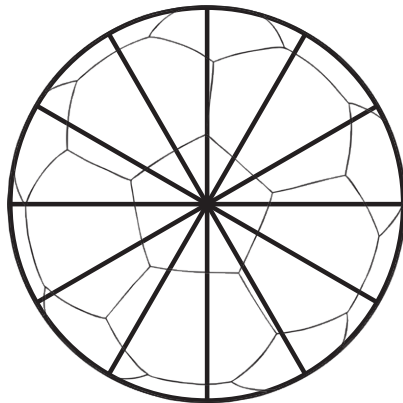
$\frac{1}{6}$: green
 $\frac{1}{2}$: yellow
 $\frac{1}{3}$: blue



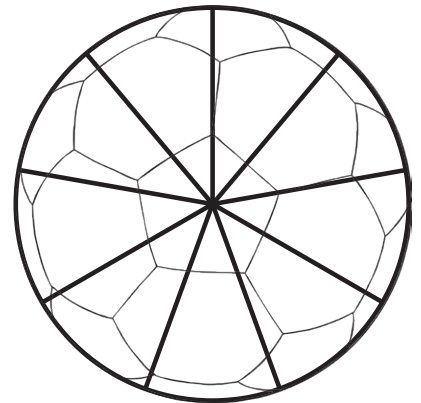
$\frac{2}{5}$: blue
 $\frac{1}{5}$: yellow
 $\frac{1}{10}$: red
 $\frac{3}{10}$: green



$\frac{3}{8}$: blue
 $\frac{1}{4}$: red
 $\frac{1}{8}$: yellow
 $\frac{1}{4}$: green



$\frac{1}{12}$: yellow
 $\frac{5}{12}$: red
 $\frac{1}{2}$: green



$\frac{1}{9}$: yellow
 $\frac{5}{9}$: green
 $\frac{1}{3}$: red

Challenge

Use your fraction knowledge to answer these questions:

1. $\frac{1}{2}$ of 6 =

2. $\frac{2}{5}$ of 10 =

3. $\frac{1}{4}$ of 8 =

4. $\frac{1}{2}$ of 12 =

5. $\frac{1}{3}$ of 9 =

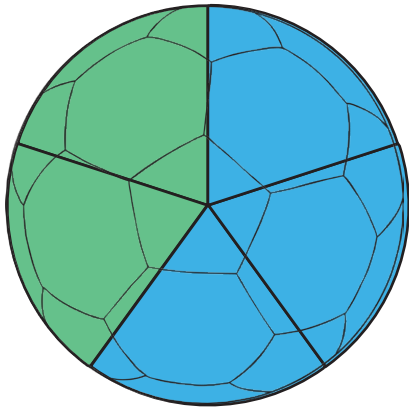
6. $\frac{1}{3}$ of 6 =

7. $\frac{1}{5}$ of 10 =

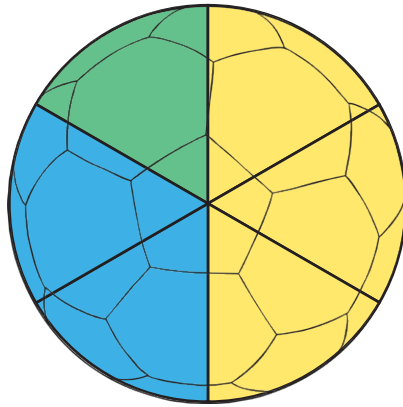
8. $\frac{1}{2}$ of 10 =

Football-Themed Stained Glass Fractions

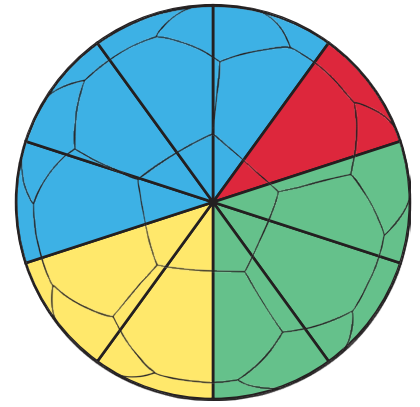
Answers



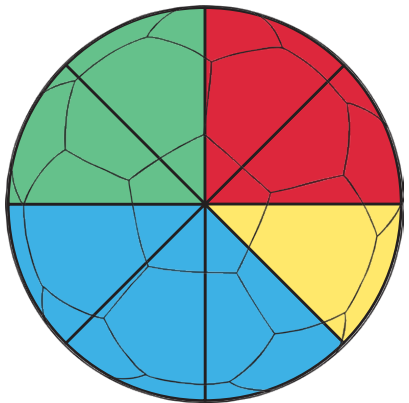
$\frac{2}{5}$: green (2 sections coloured)
 $\frac{3}{5}$: blue (3 sections coloured)



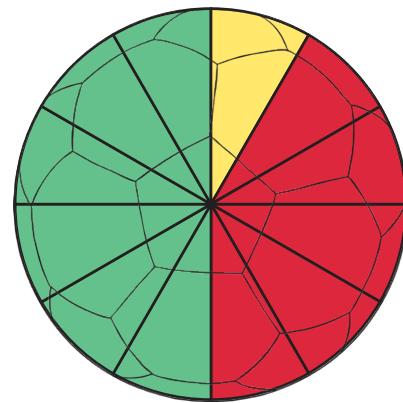
$\frac{1}{6}$: green (1 section coloured)
 $\frac{1}{2}$: yellow (3 sections coloured)
 $\frac{1}{3}$: blue (2 sections coloured)



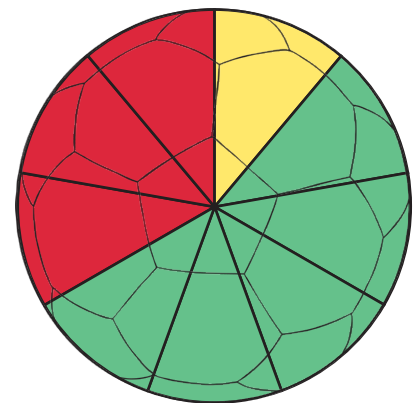
$\frac{2}{5}$: blue (4 sections coloured)
 $\frac{1}{5}$: yellow (2 sections coloured)
 $\frac{1}{10}$: red (1 section coloured)
 $\frac{3}{10}$: green (3 sections coloured)



$\frac{3}{8}$: blue (3 sections coloured)
 $\frac{1}{4}$: red (2 sections coloured)
 $\frac{1}{8}$: yellow (1 section coloured)
 $\frac{1}{4}$: green (2 sections coloured)



$\frac{1}{12}$: yellow (1 section coloured)
 $\frac{5}{12}$: red (5 sections coloured)
 $\frac{1}{2}$: green (6 sections coloured)



$\frac{1}{9}$: yellow (1 section coloured)
 $\frac{5}{9}$: green (5 sections coloured)
 $\frac{1}{3}$: red (3 sections coloured)

Challenge

1. $\frac{1}{2}$ of 6 = **3**

2. $\frac{2}{5}$ of 10 = **4**

3. $\frac{1}{4}$ of 8 = **2**

4. $\frac{1}{2}$ of 12 = **6**

5. $\frac{1}{3}$ of 9 = **3**

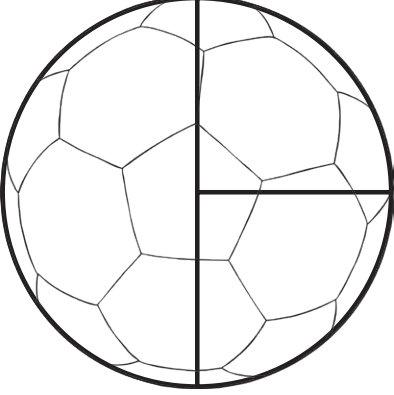
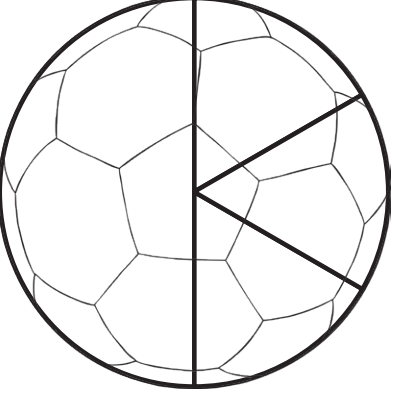
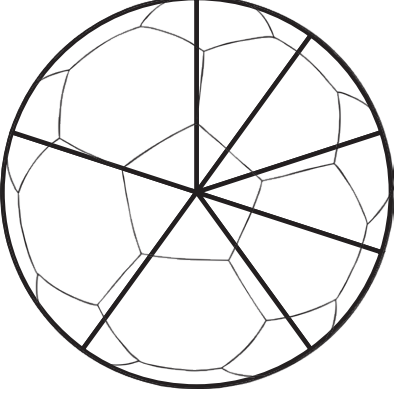
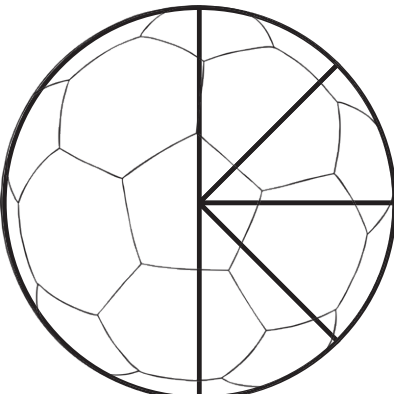
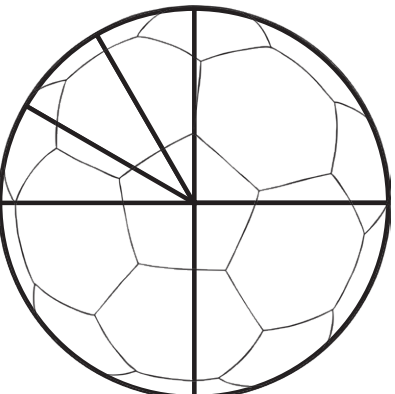
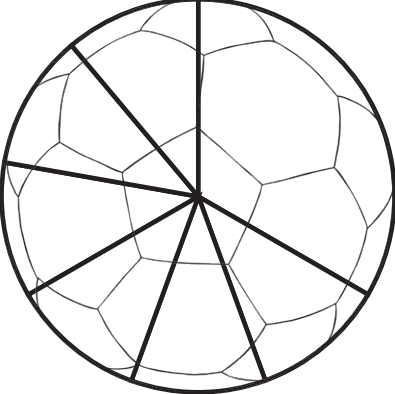
6. $\frac{1}{3}$ of 6 = **2**

7. $\frac{1}{5}$ of 10 = **2**

8. $\frac{1}{2}$ of 10 = **5**

Football-Themed Stained Glass Fractions

Colour the football stained-glass windows to match the fractions listed.

 <p>$\frac{1}{4}$: green $\frac{3}{4}$: blue</p>	 <p>$\frac{3}{6}$: green $\frac{2}{6}$: blue $\frac{1}{6}$: yellow</p>	 <p>$\frac{6}{10}$: blue $\frac{3}{10}$: yellow $\frac{1}{10}$: red</p>
 <p>$\frac{5}{8}$: blue $\frac{1}{4}$: red $\frac{1}{8}$: yellow</p>	 <p>$\frac{1}{2}$: yellow $\frac{1}{6}$: red $\frac{1}{3}$: green</p>	 <p>$\frac{2}{9}$: yellow $\frac{4}{9}$: green $\frac{1}{3}$: red</p>

Challenge

Use your fraction knowledge to complete these equivalent fractions:

1. $\frac{1}{2} = \frac{\square}{6}$

2. $\frac{1}{3} = \frac{2}{\square}$

3. $\frac{4}{12} = \frac{\square}{6} = \frac{1}{\square}$

4. $\frac{6}{9} = \frac{2}{\square}$

Use your fraction knowledge to answer these questions:

5. $\frac{2}{3}$ of 30 = \square

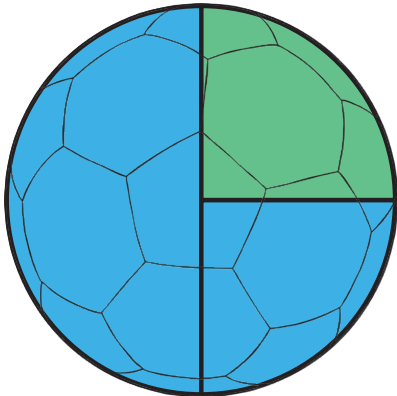
6. $\frac{3}{4}$ of 28 = \square

7. $\frac{4}{7}$ of 35 = \square

8. $\frac{5}{6}$ of 48 = \square

Football-Themed Stained Glass Fractions

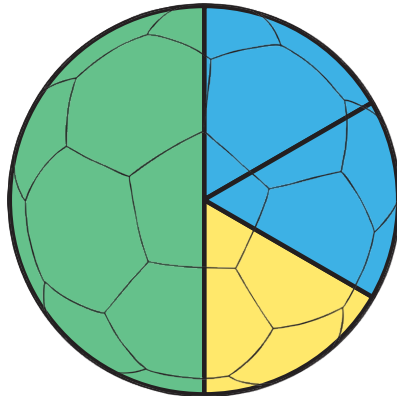
Answers



The shape should have been equally divided into 4 sections.

$\frac{1}{4}$: green (1 section coloured)

$\frac{3}{4}$: blue (3 sections coloured)

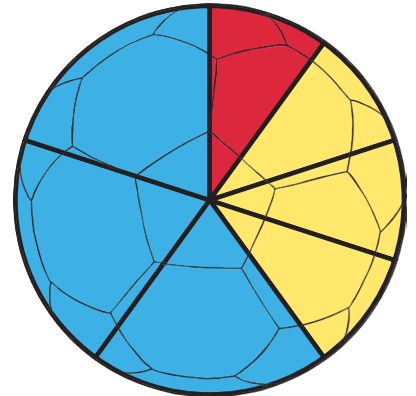


The shape should have been equally divided into 6 sections.

$\frac{3}{6}$: green (3 sections coloured)

$\frac{2}{6}$: blue (2 sections coloured)

$\frac{1}{6}$: yellow (1 section coloured)

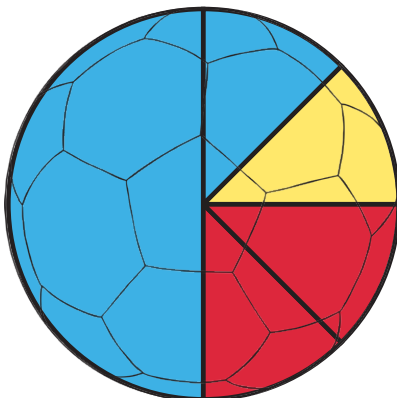


The shape should have been equally divided into 10 sections.

$\frac{6}{10}$: blue (6 sections coloured)

$\frac{3}{10}$: yellow (3 sections coloured)

$\frac{1}{10}$: red (1 section coloured)

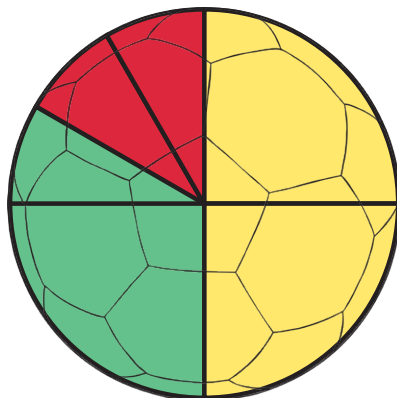


The shape should have been equally divided into 8 sections.

$\frac{5}{8}$: blue (5 sections coloured)

$\frac{1}{4}$: red (2 sections coloured)

$\frac{1}{8}$: yellow (1 section coloured)

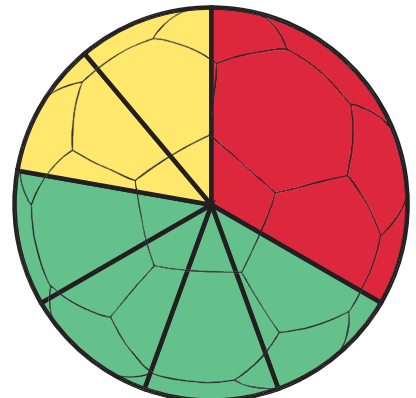


The shape should have been equally divided into 12 sections.

$\frac{1}{2}$: yellow (6 sections coloured)

$\frac{1}{6}$: red (2 sections coloured)

$\frac{1}{3}$: green (4 sections coloured)



The shape should have been equally divided into 9 sections.

$\frac{2}{9}$: yellow (2 sections coloured)

$\frac{4}{9}$: green (4 sections coloured)

$\frac{1}{3}$: red (3 sections coloured)

Challenge

1. $\frac{1}{2} = \frac{3}{6}$

2. $\frac{1}{3} = \frac{2}{6}$

3. $\frac{4}{12} = \frac{2}{6} = \frac{1}{3}$

4. $\frac{6}{9} = \frac{2}{3}$

5. $\frac{2}{3}$ of 30 = **20**

6. $\frac{3}{4}$ of 28 = **21**

7. $\frac{4}{7}$ of 35 = **20**

8. $\frac{5}{6}$ of 48 = **40**