

The Soccer Ball (A)

Answer each question about a classic soccer ball.



What shape are the white sections of a soccer ball?

What shape are the black sections of a soccer ball?

How many white sections can you see or partially see?

How many black sections can you see or partially see?

How many white sections does an entire soccer ball have?

How many black sections does an entire soccer ball have?

What is the ratio of white sections to black sections?

How many seams are on an entire soccer ball?

The Soccer Ball (A) Answers

Answer each question about a classic soccer ball.



- What shape are the white sections of a soccer ball? **hexagonal**
- What shape are the black sections of a soccer ball? **pentagonal**
- How many white sections can you see or partially see? **12**
- How many black sections can you see or partially see? **8**
- How many white sections does an entire soccer ball have? **20**
- How many black sections does an entire soccer ball have? **12**
- What is the ratio of white sections to black sections? **5:3**
- How many seams are on an entire soccer ball? **90**
 $(12 \times 5 + 20 \times 6) / 2 = 90$