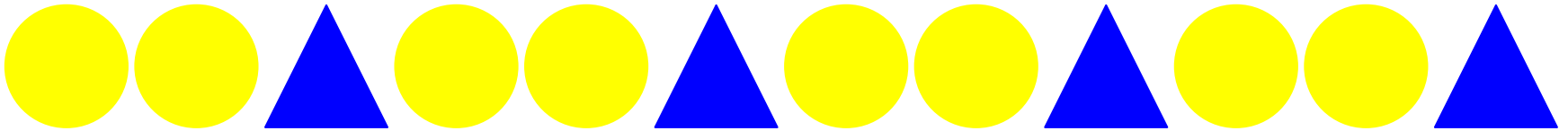


Q. What is the ratio of circles : triangles?

A. 8 circles : 4 triangles or 8 : 4

A. 2 circles : 1 triangle or 2 : 1

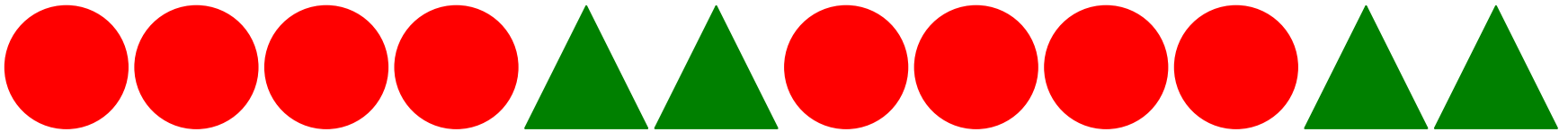


Q. What is the ratio of circles : triangles?

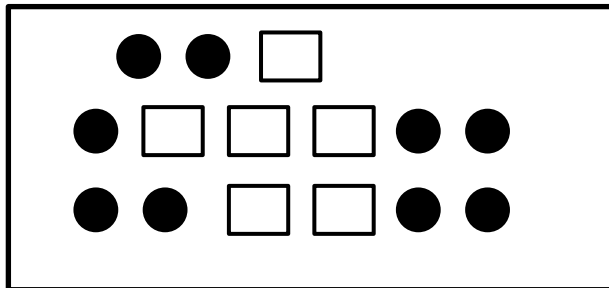
A. 8 circles : 4 triangles or 8 : 4

A. 4 circles : 2 triangles or 4 : 2

A. 2 circles : 1 triangles or 2 : 1

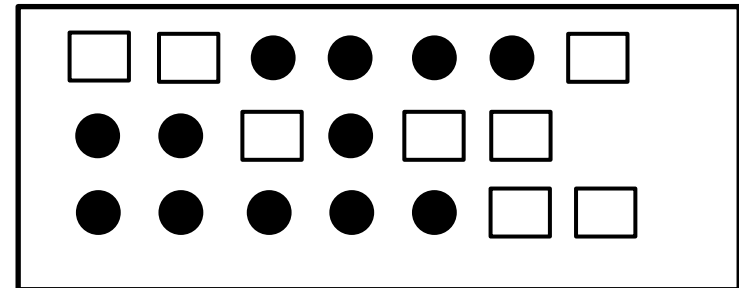


Q. What is the ratio of circles : rectangles in both patterns?



A. 9 circles : 6 rectangles or 9 : 6

A. 3 circles : 2 rectangles or 3 : 2



A. 12 circles : 8 rectangles or 12 : 8

A. 3 circles : 2 rectangles or 3 : 2

Q. Do they have the same ratio?

Lets simplify them and see...



Practise finding the ratios

[Ratio \(transum.org\)](http://transum.org)

Simplifying Practice:


https://www.mathplayground.com/ASB_RatioBlaster.html

[Ratio \(transum.org\)](http://transum.org)



Scaling-up:

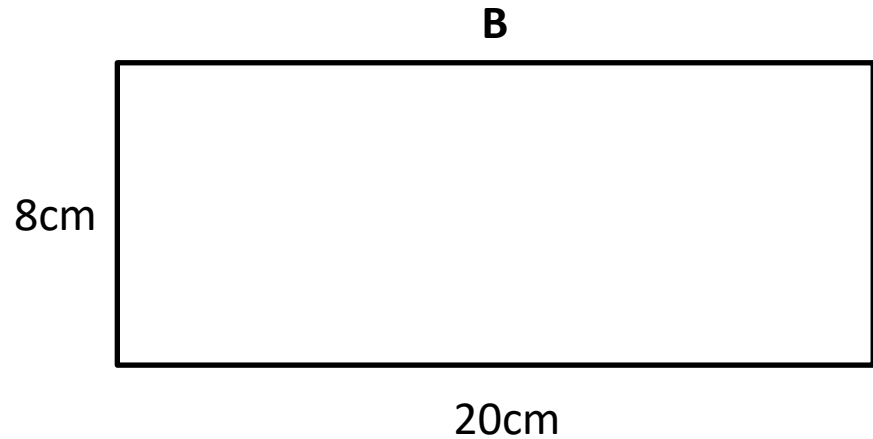
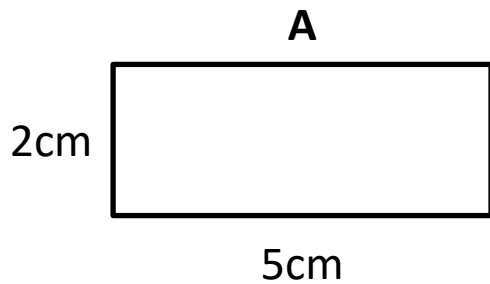
Daniel Sturridge scores two goals to every five games. If he played 35 games, how many goals would he score?

Ratio = 2 : 5
Unknown Ratio = ? : 35  (x7)
New Ratio = 14 : 35

Scaling-up Practice:

http://www.mathplayground.com/wpdatabase/Ratio1_2.htm





Q. What is the scale factor?

Look at the relationship between the same sides e.g. A= 2cm, B= 8cm
2:8, simplified as 1:4. Scale factor is 4.

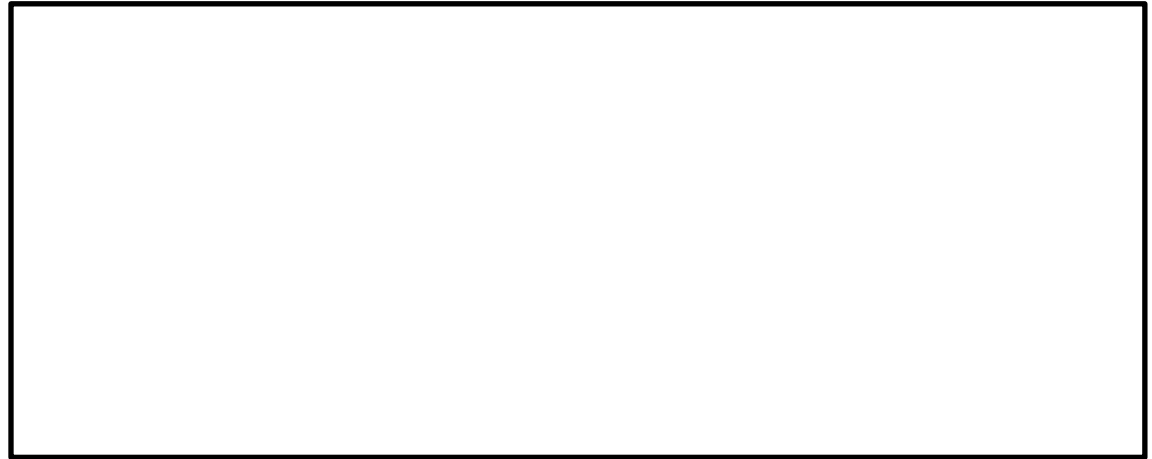




2cm

5cm

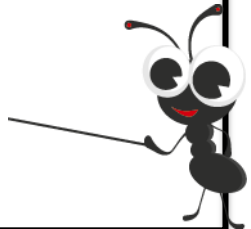
6cm

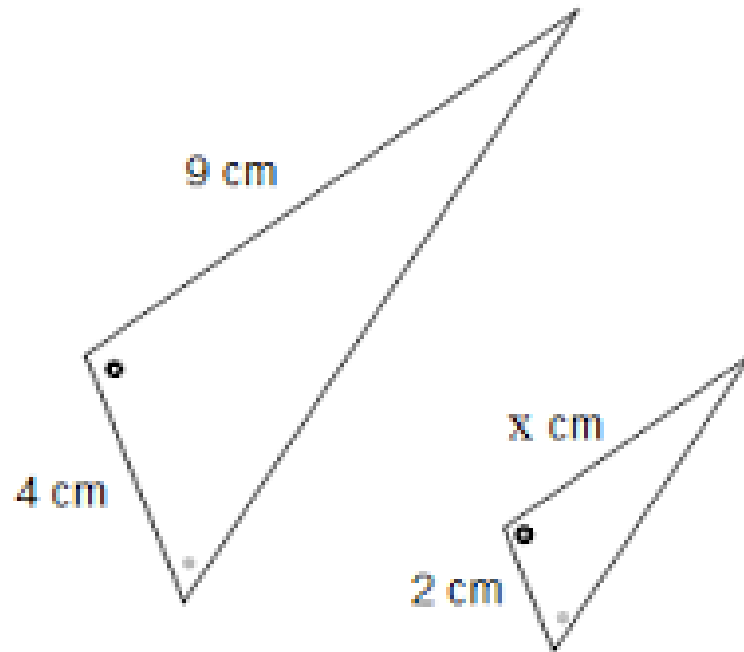


x cm

Q. What is the scale factor?

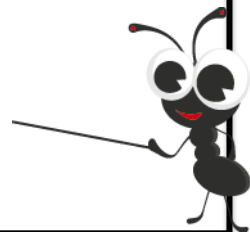
Q. What is the length of x?

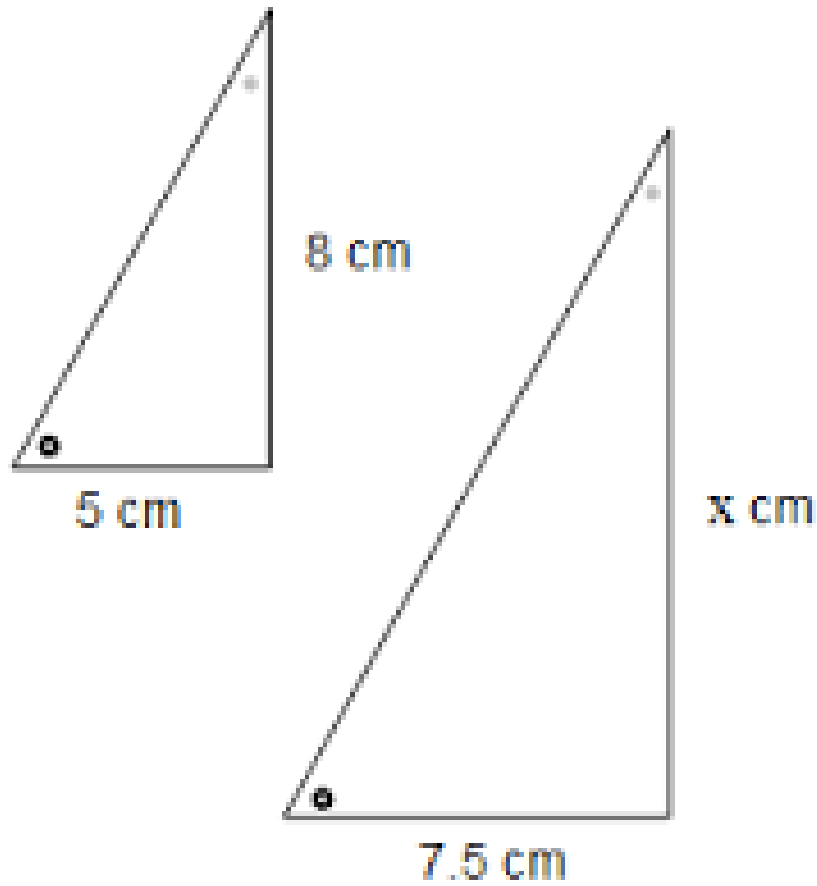




Q. What is the scale factor?

Q. What is the length of x ?





Q. What is the scale factor?

Q. What is the length of x ?

