

7th January



Corbettmaths

| | Wins | Draws | Losses |
|-------------------|------|-------|--------|
| Sunderland City | 1x3 | 5x1 | 3x0 |
| Manchester Rovers | 2x3 | 1x1 | 6x0 |
| Liverpool United | 3x3 | 0x1 | 6x0 |
| London Town | 0x3 | 9x1 | 0x0 |

Win = 3 points Draw = 1 point
 Loss = 0 points

$S = 3 + 5 = 8$
 $LR = 6 + 1 = 7$
 $LU = 9 + 0 = 9$
 $LT = 0 + 9 = 9$

Which team has the least number of points?
Manchester Rovers

How many points do they have?
7

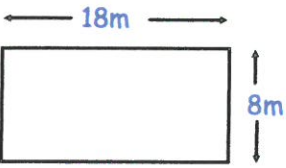
Work out $5.18 \div 7$

0.74
 $7 \overline{) 5.18}$

Work out 0.8×1.2

1.2
 0.8

 0.96



 Not drawn to scale

Mrs Jenkins is a chicken farmer. Her chicken pen is 18m long and 8m wide. Each chicken requires at least 3m².

What is the maximum number of chickens Mrs Jenkins can keep?

$18 \times 8 = 144$
 $144 \div 3 = 48$

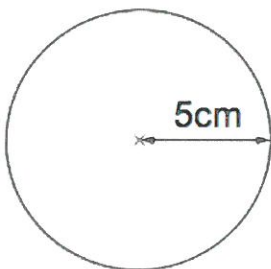
48 chickens

Solve $2(4x - 1) = 18$

$8x - 2 = 18$
 $8x = 18 + 2$
 $8x = 20$
 $x = 20 \div 8$
 $x = 2.5$

Work out the area of the circle.

State the units for your answer.
 Give your answer to 2 decimal place.



 $A = \pi r^2$
 $r = 5$
 $A = \pi \times 5^2$
 $A = 25 \times \pi$
 $A = 78.54 \text{ cm}^2$