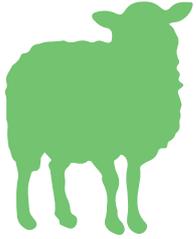


1. Fred has a 350ml bottle of wormer. He uses it to fill a 40 ml worming syringe. How much is now left in the original bottle?



If Fred has 94 sheep to worm and each sheep needs 20 ml of wormer how many bottles will Fred need?

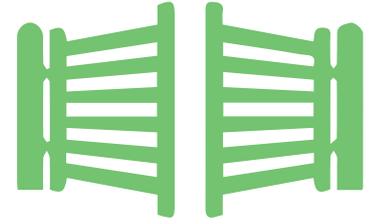
2. A plastic sheet with a drop length of 192cm was needed for a cow cubicle. Lucy's plastic sheets are 148cm. By how much are they short?

3. Ewan and Scott have to put fliers in 470 farming magazines. In the first hour they pack 145 magazines with the fliers. How many have they still to pack?

4. Judy sold 5 lambs for £540. She spent £68.43 on powdered milk and £27.99 on baby bottles and teats to feed them. How much profit did she make on her lambs?

How much profit did she make per lamb after costs?

5. Two gates are placed together to form a larger one. The first gate is 107.4cm long and the second is 96.2cm long.



What is the total length?

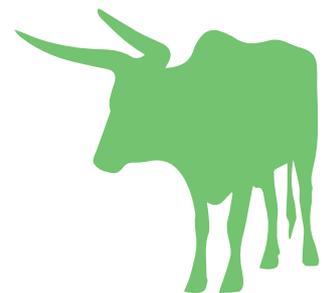
6. Sheila is weighing her cows. She discovers all her cows have put on weight. Here are the weight gains of three cows:

- A. 4.6kg
- B. 7.9kg
- C. 18.2kg

How much weight did cows A, B and C gain since the last weigh in?

7. Three bullocks weigh 290kg, 330kg and 302kg.

What is their total weight?



8. What is their average weight?

9. On a Saturday this year, 1,432 people visited an open farm while 976 visited on Sunday. How many people visited that weekend?

10. If 3,200 visited an open farm over the weekend the previous year., what is the % decrease in visitors?

11. Mrs Welsh was buying rosettes for a goat competition. There are three goat classes: dairy goats, meat goats and dual purpose goats. Each class has a 1st, 2nd and 3rd prize and the dual purpose class has a runner-up prize.

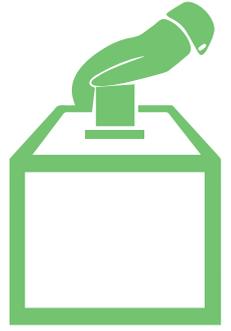
How many rosettes did she need to buy?



12. Mr Jarvie had 4 rolls of sheep fencing wire measuring 19m, 73m 6m and 12m.

Does he have enough to fence the side of a field that is 112m in length?

13. In the final vote for the winner of farmer of the year, Sue received 112 votes and Adam received 97 votes. How many votes were there in total?

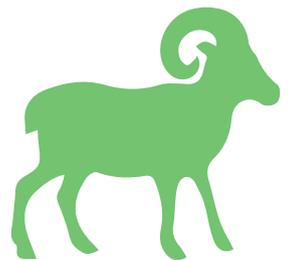


14. To make green raddle a farmer mixes 2.7 litres of blue raddle with 1.4 litres of yellow raddle. He uses 1.25 litres of this green raddle on his rams.

How much raddle is left?

15. The Lewis family won £100,000 on the lottery and used some of the money to buy some new pedigree stock. They bought a new ram for £3,749 and 2 ewes for £971.27 and £645.94.

How much of their winnings did they have left?



ANSWERS

1. $350\text{ml} - 40\text{ml} = 310\text{ml}$
 $94 * 20\text{ml} = 1880\text{ml}$ $1880/350 = 5.37$
Fred will need 6 bottles
2. $192 - 148\text{cm} = 44\text{cm}$
3. $470 - 154 = 325$ fliers
4. $\text{£}540 - \text{£}68.43 - \text{£}27.99 = \text{£}443.58$
 $\text{£}443.58/5 = \text{£}88.72$
5. $107.4 + 96.2 = 203.6\text{cm}$ (2.04m)
6. $4.6\text{kg} + 7.9\text{kg} + 18.2 = 30.7\text{kg}$
7. $290+330+302 = 922\text{kg}$
 $290+330+302 = 922\text{kg} / 3 = 307.3\text{kg}$
8. $290+330+302 = 922\text{kg} / 3 = 307.3\text{kg}$
9. $1432 + 976 = 2408$
10. 24.75% decrease in visitors
11. 10 prizes
12. $19+73+6+12 = 110\text{m}$
No, he is 2m short of fencing
13. $112 + 97 = 209$
14. $2.7\text{L} + 1.4\text{L} = 4.1\text{L} - 1.25\text{L} = 2.85\text{L}$
15. $3749 + 971.27 + 645.94 = \text{£}5366.21$
and $100,000 - 5366.21 = \text{£}94,633.79$