

British Wool LEARNING

How much does a sheep cost?

Selling wool from sheep can help the farmer to pay for other things that are needed to run the farm. Can you help the farmer work out how much it costs to run this part of his farm? Show your workings.

The farmer has:

290 x Sheep
2 x Sheep dog
1 x Tractor



Income	
Sheep's wool	£480
Outgoings	
Sheep feed	£10 per bag
Dog food	£5 per tin
Fuel for tractor	£10 per week

The sheep eat 30 bags of food a week. How much does it cost to feed all the farmer's sheep for one week?

$$30 \times 10 = 300$$

One dog eats 10 tins of dog food in one week. How much does it cost to feed all of the sheep and the dogs for a week?

$$10 \times 5 \times 2 = 100 \quad 300 + 100 = 400$$

When the farmer has fed his animals and filled the tractor up with fuel, how much will he have left from the sale of his sheep's wool?

$$400 + 10 = 410 \quad 480 - 410 = 70$$

How much would it cost the farmer to feed all of these animals and run the tractor for 4 weeks (one month)?

$$410 \times 4 = 1640$$



Which sheep breed is behind the mask?

Your Answers: A Scottish Blackface
B North Country Cheviot
C Texel



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