



ATE Learning Resources

Maths – School Meals

In Ghana, it costs 20p per day to provide a child with a school meal.

Children in Ghana attend school for 40 weeks of the year.

Your school meal is £2.35 each day.

You attend school for 190 days per year.

Every infant child in your school can have a free school meal.

Using the information above, calculate the following:

1. How much would it cost if you had a school meal every day for:
 - A week?
 - Six weeks? (Half a term)
 - A year?
2. How much would it cost if a Ghanaian child had a school meal for:
 - A week?
 - Six weeks?
 - A year?
3. Calculate the difference in cost between your meals and a Ghanaian child's meals for:
 - A week
 - Six weeks
 - A year
4. If there were 20 children in Year 4, how much would it cost for a day if:
 - They all had a school meal?
 - 50% of them had a school meal?
 - 10% of them had a school meal?
5. If there were 50 children in Nancy's class in Lawra, how much would it cost for a day if:
 - They all had a school meal?
 - 50% of them had a school meal?
 - 10% of them had a school meal?
6. In my U.K school there are 150 children. There are 48 infant children. How much would it cost for school meals if everyone had one on Friday?

Answers:

1. How much would it cost if you had a school meal every day for:
 - A week? **£11.75**
 - Six weeks? (Half a term) **£70.50**
 - A year? **£446.50**
2. How much would it cost if a Ghanaian child had a school meal for:
 - A week? **£1.00**
 - Six weeks? **£6.00**
 - A year? **£40**
3. Calculate the difference in cost between your meals and a Ghanaian child's meals for:
 - A week **£10.75**
 - Six weeks **£64.50**
 - A year **£406.50**
4. If there were 20 children in Year 4, how much would it cost for a day if:
 - They all had a school meal? **£47.00**
 - 50% of them had a school meal? **£23.50**
 - 10% of them had a school meal? **£4.70**
5. If there were 50 children in Nancy's class in Lawra, how much would it cost for a day if:
 - They all had a school meal? **£10.00**
 - 50% of them had a school meal? **£5.00**
 - 10% of them had a school meal? **£1.00**
6. In my U.K school there are 150 children. There are 48 infant children. How much would it cost for school meals if everyone had one on Friday? **£239.70**