



## 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**