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| new LiverBird | Core skills Homework | | Year 7 | *Week 17* |
| *Numeracy* | Subject focus:  *Drama* | | |

Name

Box Office Task:

Imagine you work in a box office. A box office is where tickets are sold for theatre performances. Complete the tasks below. They get harder as you go along- try and complete as many as you can!

**Look at the following ticket prices:**

**Adults £10 Children/OAPs £5**

1. How much does it cost for an Adult ticket?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How much would is cost for a family of 2 adults and 2 children to attend tonight’s performance?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How much would it cost for a family of 1 adult, 3 children and an OAP?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If a family bought 3 adult tickets and 1 child ticket and gave you a £50 note, how much change would they receive?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A group booking of 10 adults has been made. If 10 or more tickets are booked, there is a **10% discount**. How much do they pay?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A group of 10 school children, plus 2 teachers make a group booking, with the same **10% discount**. How much do they pay?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A family of 6 adults, 8 children and 2 OAPs make a group booking, with the same **10% discount**. How much do they pay?

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A school book a trip. They have 38 pupils plus 4 teachers. The school can now have **2 free teacher places as well as the 10% discount**. How much do they pay? Please show your working out - do not use a calculator!

ANSWER: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A large school book a trip. They have 120 pupils, plus 12 teachers. They get 5 free teacher places plus a **12% discount** as the group is so large. How much do they pay? Please show your working out - do not use a calculator!

Answer: £\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How well did you do?

I completed \_\_\_\_\_/9 maths tasks

I used multiplication correctly in my answers.

I used multiplication and percentages correctly in my answers.

I used multiplication and percentages correctly in my answers and was able to show my working out correctly for the last two answers.

What could I do to improve?

 I could practise my multiplication at home with a parent or sibling.

 I could practise my percentages by remembering to divide everything by 100.

 I could ask my parent/ carer to help them add up the weekly shopping.

 I could create my own box office with ticket prices and group discounts.

Teacher sign :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_\_