

# Entry 3 Numeracy Practice – A

## A trip to London

### Curriculum References

Covers most areas of the E3 curriculum (number, measure and data).

*Gaye Noel, the contributor, explains ...*

I have put together 'practice assignments' for Entry 1 - 3 in order to prepare learners for the City & Guilds numeracy assignments.

Although they do not contain as many different areas of the curriculum as the actual live assignments, I have found them very useful. Hope someone else might as well!

Regards  
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*More of Gaye's practice assignments are available:*

*Entry 1 – A, B.*

*Entry 2 – Lunch, Zoo, Sport, London.*

*Entry 3 – London.*

teaching ideas or any adult basic skills resource that you would like to share to [maggie@skillsworkshop.org](mailto:maggie@skillsworkshop.org)

**THANK YOU**

1. Your best friend's birthday is 9th March. You and several friends decide to go to London for the weekend to celebrate her birthday.

February					March						
Mon		6	13	20	27	Mon		6	13	20	27
Tue		7	14	21	28	Tue		7	14	21	28
Wed	1	8	15	22		Wed	1	8	15	22	29
Thu	2	9	16	23		Thu	2	9	16	23	30
Fri	3	10	17	24		Fri	3	10	17	24	31
Sat	4	11	18	25		Sat	4	11	18	25	
Sun	5	12	19	26		Sun	5	12	19	26	

There are 6 people going altogether. You suggest the following dates:  
17<sup>th</sup> February, 24<sup>th</sup> February or 10<sup>th</sup> March.

- a. **Circle these dates on the calendar**

You decide to go on the 24<sup>th</sup> February.

- b. **How many days before your friend's birthday is that?** \_\_\_\_\_

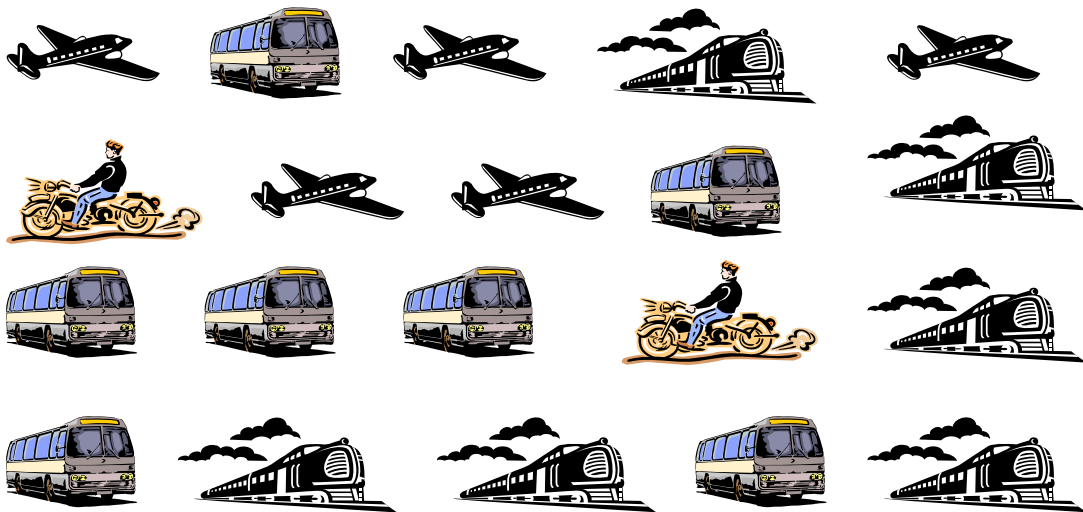
2. You go on the 24<sup>th</sup> February for 2 nights and book in advance.

Special weekend deals for London		
Dates	1 night per person	2 nights per person
01/02/06 - 15/02/06	£48.50	£89.50
22/02/06 - 05/03/06	£54.75	£99.75
11/03/06 - 02/04/06	£59.50	£109.95
<ul style="list-style-type: none"> <li>• Must include a Saturday Night.</li> <li>• If you book in advance, you save £5 per person</li> </ul>		

- a. **How much will the hotel cost for 6 people?**
- 





- b. You ring the hotel and they give a reference number. Your number is nine hundred and thirty-eight. **Make a note of the number.**
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3. The staff at the hotel asked 20 people how they travelled to London. Here are their answers



- a. Complete the results, using tally marks.

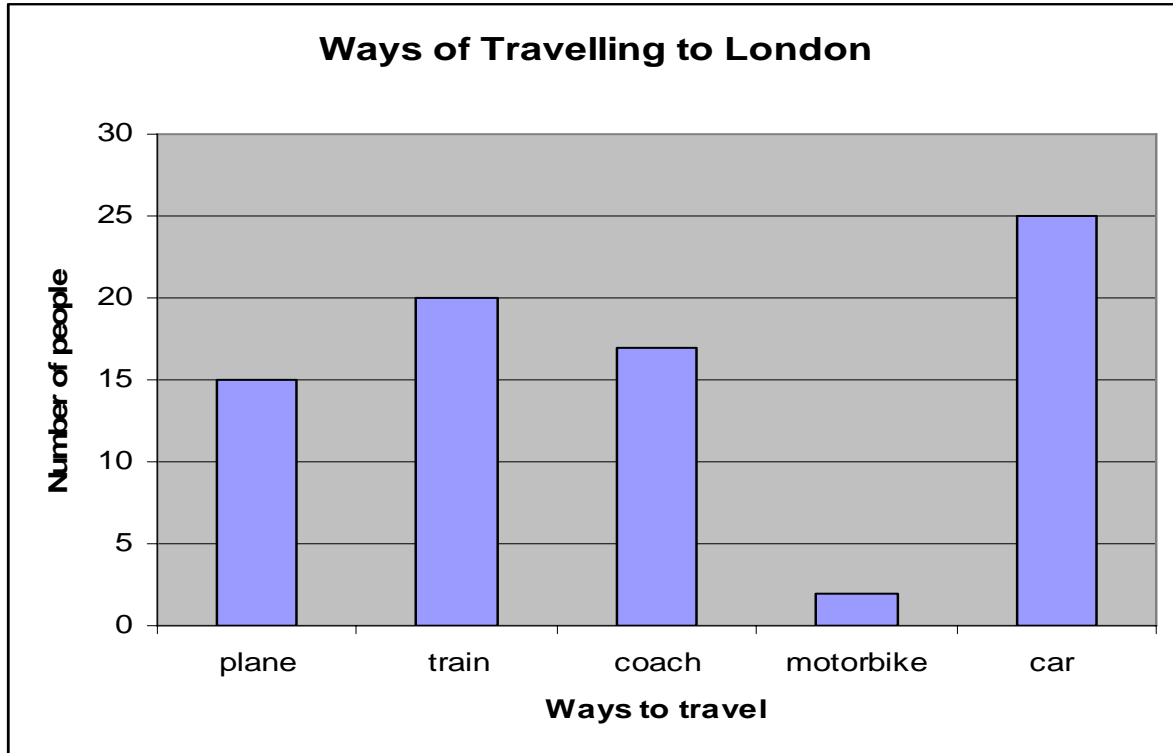
The number of people travelling by coach has been done for you.

	Number of People		Number of People
			
			

- b. Circle the most common way of getting to London.



4. The hotel is thinking of getting more parking spaces. Last week, hotel staff asked all their guests how they had travelled to London. This graph shows the results.



- a. Last week, what was the most popular way to travel?

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- b. How many guests did the hotel have last week?

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- c. Last week, what was the least popular way of travelling?

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# BA London Eye & Pizza Express Meal

## Eye Flight Times:

**10 Feb - 31 May:** Daily 11:30, 12:30, 13:30, 17:30, 18:30, 19:30

**1-30 Jun:** Daily 11:30, 12:30, 13:30, 17:30, 18:30, 19:30, 20:30

**1 Jul - 31 Aug:** Daily 11:30, 12:30, 13:30, 17:30, 18:30, 19:30, 20:30, 21:30

**1 Sep - 31 Dec:** Daily 11:30, 12:30, 13:30, 17:30, 18:30, 19:30

**Closed:** The Eye is closed from 3rd Jan 2006 - 8th Jan 2006 inclusive for annual maintenance.

## Prices Valid (09-Jan-2006 to 31-Dec-2006)

Ticket Type	High/Full Season	
	Published Price	Your Price
	British Pounds	
Adult - 2 courses	27.00	27.00
Child - 2 courses	14.50	14.50
Adult - 3 courses	37.50	37.50
Infant	00.00	00.00

*Information taken from 365.com*

5. Look at the information about the London Eye (page 4).  
You and your friends think it is a great deal.  
Your friends want to see London by night.

Three friends choose the Adult - 3 course meal ticket and the other three friends choose the Adult - 2 course meal ticket .

The group won £200 at bingo last week.

- a. **How much change will there be after buying the tickets with the bingo money?**

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You hope to get to the London Eye at 6.15 pm.

- b. **What time is the next available flight?**

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- c. **What is the latest flight during the summer?**

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- d. **How many hours a day is the London Eye open during June?**

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6. The first 100 people who went on the London eye were asked to round their age to the nearest 10.

The ticket collector collected the information on a tally chart.

age	tally
0	###
10	### ### //
20	### ### ### //
30	### ### ### /
40	### ### ###
50	### ### ###
60	### ###
70	### //
80	//
90	/
100	

- a. Add yourself and your friends' ages to the tally chart above.
- b. Round their ages to the nearest 10 first.

	Real Age	Age rounded to the nearest 10
Me	39	40
Heather	25	
Nazia	33	
Justin	29	
Eric	52	
George	43	

7. Because you are the last people for the day, the assistant says that she will round the prices to the nearest pound.  
Then you can have anything for half price.

**Complete the price list below.**

	<b>Price in £s</b>	<b>Rounded price in £s</b>	<b>½ Price Sale</b>
<i>Book of Photos</i>	<del>£10.96</del>	£11	£5.50
<i>Pencil cases</i>	<del>£2.94</del>	£3	£1.50
<i>Pens</i>	£1.86	£2	
<i>Rulers</i>	£3.50	£4	
<i>Postcards</i>	£0.60		
<i>Caps</i>	£4.50		
<i>Flags</i>	£2.96		
<i>Sweatshirts</i>	£13.94		
<i>Tee Shirts</i>	£8.94		



8. You have lost weight recently, so you measure your bust.  
It measures 96cm.

Ask your tutor for a tape measure.

- a. **Show the tutor 96 cm on the tape measure.**

Candidate has shown me 96cm on the tape measure.

Assessor's signature \_\_\_\_\_ Date: \_\_\_\_\_

<b>Size</b>	10	12	14	16	18	20	22	24
<b>Measurement</b>	80 cm	90 cm	100 cm	110 cm	120 cm	130 cm	140 cm	150 cm

- b. **What size will you try on?** \_\_\_\_\_

9. On the next morning, you look at the weather report .




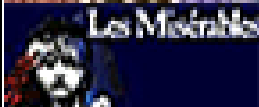




- a. **What will the temperature be in London today?** \_\_\_\_\_

- b. **Do you need to take an umbrella?** **Yes / No**

10. At the hotel, there is a poster for some top shows.

**• Top Shows available for £39.50  
(£10 off when you buy 5 or more tickets)**

	<b>Lion King</b>
	<b>Chicago</b>
	<b>The Rat Pack Live From Las Vegas</b>
	<b>Chicago</b>
	<b>Mamma Mia</b>
	<b>Phantom of the Opera</b>

You and five friends want to see the Lion King.

You manage to get 6 tickets for the afternoon show on Sunday.

a. How much will the tickets cost? \_\_\_\_\_

b. How much change will you get from £300? \_\_\_\_\_

11. You and your 5 friends decide to buy something to eat at a café before the show.

You buy **4 egg sandwiches**, a **ham sandwich**, **5 samosas**, **2 banana splits**, **1 apple** and **6 teas**.

You check how much you spent.

<b>4 egg sandwiches</b>	.....	<b>£8.60</b>
<b>1 ham sandwich</b>	.....	<b>£2.95</b>
<b>5 samosas</b>	.....	<b>£7.20</b>
<b>2 banana splits</b>	.....	<b>£2.70</b>
<b>1 apple</b>	.....	<b>£0.75</b>
<b>6 teas</b>	.....	<b><u>£6.60</u></b>

a. **What is the total cost?** £\_\_\_\_\_

b. **Round it to the nearest pound.** \_\_\_\_\_

c. You all decide to share the total cost.  
**What does each person pay?** \_\_\_\_\_

## Answers

<b>1a</b>	Circle three Fridays: 17 <sup>th</sup> February, 24 <sup>th</sup> February and 10 <sup>th</sup> March
<b>1b</b>	13 days
<b>2a</b>	$£94.75 \times 6 = £568.50$
<b>2b</b>	938
<b>3a</b>	Coach <del>///</del> //      Train <del>///</del> / Motorbike //      plane <del>///</del>
<b>3b</b>	coach
<b>4a</b>	car
<b>4b</b>	plane 15 + train 20 + coach 17 + motorbike 2 + car 25 = 79 guests
<b>4c</b>	motorbike
<b>5a</b>	$(3 \times £27.00) + (3 \times £37.50) = £193.50$ $£200.00 - £193.50 = £6.50$
<b>5b</b>	18.30 or 6.30pm
<b>5c</b>	21.30 or 9.30 pm
<b>5d</b>	9 hrs
<b>6a</b>	30 <del>///</del> <del>///</del> <del>///</del> / + <del>///</del> 40 <del>///</del> <del>///</del> <del>///</del> + // 50 <del>///</del> <del>///</del> <del>///</del> + /
<b>6b</b>	Me      40 Heather 30 Nazia    30 Justin    30 Eric      50 George   40

<b>7</b>	Price in £	Rounded Price	½ Price Sale
<b>Book of Photos</b>	<del>£10.96</del>	£ 11	£ 5.50
<b>Pencil cases</b>	<del>£2.94</del>	£ 3	£ 1.50
<b>Pens</b>	£1.86	£ 2	£ 1
<b>Rulers</b>	£3.50	£ 4	£ 2
<b>Post-cards</b>	£0.60	£ 1	50 p
<b>Caps</b>	£4.50	£ 5	£ 2.50
<b>Flags</b>	£2.96	£ 3	£ 1.50
<b>Sweat-shirts</b>	£13.94	£ 14	£ 7
<b>Tee Shirts</b>	£8.94	£ 9	£ 4.50
<b>8a</b>	Signature needed		
<b>8b</b>	Size 14		
<b>9a</b>	15°C		
<b>9b</b>	No		
<b>10a</b>	$6 \times £39.50 - £10$ $£237 - £10 = £227$		
<b>10b</b>	$£300 - £227 = £73$		
<b>11a</b>	Total = £28.80		
<b>11b</b>	£29		
<b>11c</b>	$£28.80 \div 6 = £ 4.80$		