

03/03/21.

LO: I can read and interpret timetables.



London Underground

London Underground journeys and complaints by period													
Period	1	2	3	4	5	6	7	8	9	10	11	12	13
Journeys	75,959,627	81,211,098	87,103,110	93,290,664	98,775,190	107,865,679	116,168,692	124,080,208	131,834,088	139,153,432	146,362,812	153,627,132	161,290,821
Complaints	1,875	1,696	2,876	1,987	1,913	1,917	2,118	1,788	1,780	1,975	2,087	3,314	1,375

		Top complaint reasons by period													
Period		1	2	3	4	5	6	7	8	9	10	11	12	13	
LUL	Delayed journey	Delayed journey	29.4	19.1	10.3	22.3	10.4	24.5	20.7	25.5	23.0	19.8	25.5	36.4	17.4
LUL	Claims	Credit/debit card - double charge	7.7	5.6	5.6	7.5	10.9	9.2	9.5	9.0	10.8	8.1	6.7	5.5	7.6
LUL	Staff - station	Station staff	7.1	3.8	5.1	7.1	8.3	8.2	6.0	7.1	6.0	7.6	6.8	4.9	6.4
LUL	Claims	Ticket machine - no ticket issued	5.3	3.4	3.7	6.2	7.9	7.8	5.8	9.7	7.5	10.2	5.9	4.3	5.4
LUL	Fares and ticketing	Fares and ticketing	6.8	2.9	3.2	4.8	6.0	5.3	4.4	5.1	6.3	8.6	5.7	4.6	4.8
LUL	Staff - station	Ticket Office staff	6.2	3.5	3.4	6.0	7.9	5.7	4.3	4.6	5.4	7.0	5.5	4.2	4.1
LUL	Industrial action	Industrial action	0.0	5.9	34.9	0.3	0.0	0.1	0.1	0.1	0.2	1.1	0.3	0.2	0.1
LUL	Engineering works/closures	Engineering works/closures	4.7	2.6	2.9	3.9	2.7	3.5	4.9	3.9	4.3	2.0	0.9	3.7	1.9
LUL	Ticket machine/headrig/gate	Ticket machine	4.1	1.9	1.2	4.0	3.5	2.3	1.2	2.6	1.4	3.8	4.6	5.0	5.3
LUL	Accident	Accident - Injury to person	3.2	2.6	1.4	2.1	4.9	2.4	2.3	2.2	2.1	1.7	2.0	1.6	2.1
LUL	Other	Other	20.5	52.0	26.3	36.9	32.6	31.0	35.9	29.3	31.0	33.2	35.9	29.3	42.9

Using the television timetable below answer the questions at the bottom.

BBC 1		ITV 1	
7:00 pm:	Dr Who	6:45 pm:	Britain's Got Talent
7:40 pm:	Casualty	8:00 pm:	Popstar to Opera Star
8:50 pm:	News and Weather	8:45 pm:	Britain's Got Talent Results
9:15 pm:	Film	9:05 pm:	News and Weather
11:05 pm:	Match of the Day	9:35 pm:	The Cube
12:20 am:	Live Music Special	11:15 pm:	Sport Round-up
1:10 am:	Question Time	12:20 am:	Film



A) Using the information in the timetable above answer the following questions. Write your answers in the 12 and 24 hour clock.

- 1) What time does Dr Who start?
- 2) What time does Live Music Special end?
- 3) What time does Popstar to Opera Star start?
- 4) At the end of Casualty I switch channels to ITV 1, which programme is on?

Following on, can you use the timetable to answer the questions below?



B) Using the information in the timetable above answer the following questions. Write your answers in the 12 and 24 hour clock

- 1) How long does Dr Who last?
- 2) The film on ITV 1 lasts 1 hour and 45 minutes. At what time does it finish?
- 3) If I switch on the TV at 10:25 pm. How long do I have to wait for Match of the Day?
- 4) How long is there between the end of Britain's Got

Another type of timetable, this one being a train timetable. Can you answer the questions posed?

DESTINATION	TRAIN 1	TRAIN 2	TRAIN 3	TRAIN 4
Sutton	07:10	08:35	11:35	13:50
Mitcham Junction	07:35	-	12:00	14:15
Morden South	07:55	09:21	12:21	-
Wimbledon	08:16	-	12:42	-
Tooting	08:36	09:54	13:17	15:08
Streatham	09:24	10:42	14:07	15:48
London Bridge	10:01	-	14:53	16:34
Luton	10:27	11:42	15:18	16:59

A) Using the information in the timetable above answer the following questions. Write your answers in your books in the 24 hour clock.

- 1) What time does Train 1 leave Sutton?
- 2) What time does Train 2 arrive in Morden South?

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LO: I can interpret remainders in context.

In some cases, when we are using division particularly and in everyday situations there may be situations when we need to round up or down.

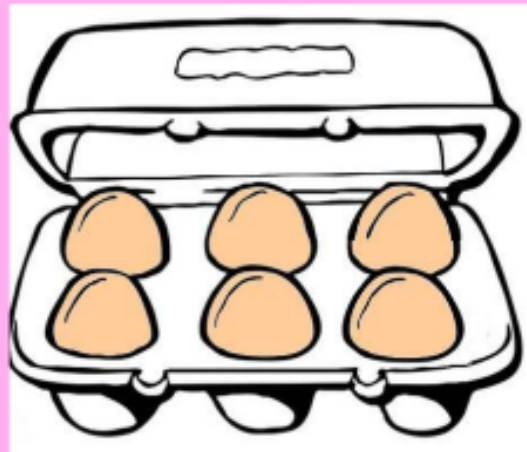
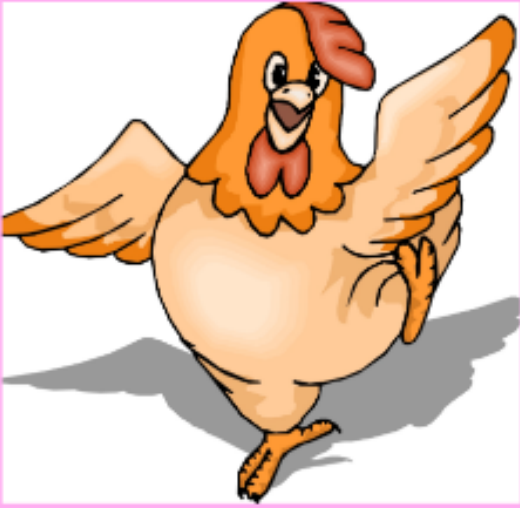
Situations where this arises will be where we need to answer specific questions as we will see in the examples we use.

If I am buying tickets for a concert and they cost £6 each how many can I buy with £138?

HAPPY BIRTHDAY CRIS IZEPP	TAYLOR SWIFT RED TOUR			
	MUSICAL GUESTS // ED SHEERAN & CASEY JAMES			
CRIS'S BIRTHDAY VI IZEPP	TAYLOR SWIFT RED TOUR			
	MUSICAL GUESTS // ED SHEERAN & CASEY JAMES			
STAPLES CENTER		SEC	ROW	SEAT
AUG 24, 2013 @ 7PM		318	9	25
		318	9	26



The school chickens, over a week, lay 39 eggs. If I place them in boxes of six how many boxes have I got to sell to parents?



The school hall can fit 15 chairs into one row. How many rows are needed to seat 258 people?



There are sixteen chocolates in each box. How many boxes can be filled from 500 chocolates?



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Target your Maths
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Target your Maths
Page 45 Section B



Target your Maths
Page 45 Section A



Think about using resources to see
the problem practically.

PLENARY

Muffins are packed in trays of 6 in a factory.
In one day, the factory makes 5,623 muffins.
How many trays do they need?
How many trays will be full?
Why are your answers different?

