

**YOU^{do}
the
MA+HS**

OLNA Support 2



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Time

Calendars

1. Consider the calendar below for May, 2017.

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- (a) Which days occur five times in the month?
- (b) What fraction of the month is on a Thursday?
- (c) If Stefan works from Monday to Friday, how many days does he work in this month?
- (d) On what day of the week is June 8th, 2017?
- (e) On what day of the week is April 27th, 2017?

Differences in Time

In each case below determine the difference in time, in minutes. Time 2 is the later time.

SET ONE

Time 1	Time 2	Difference (Minutes)
7:33 am	7:56 am	23 min.
12:11 pm	12:54 pm	
1:05 am	1:27 am	
5:01 am	5:39 am	
6:11 pm		25 min.
	11:56 pm	41 min.
10:16 am		33 min.
7:45 pm	7:59 pm	
	3:28 am	27 min.
	6:00 pm	34 min.

SET TWO

Time 1	Time 2	Difference (Minutes)
3:27 am	4:19 am	
5:16 am	6:08 am	
10:24 pm	11:36 pm	
1:19 am		50 min.
	4:23 pm	32 min.
12:16 am	1:23 am	
	4:01 pm	37 min.
	7:27 pm	78 min.
8:18 am		93 min.
	5:06 pm	64 min.

Practice OLNA Questions

Jeff has his birthday in March.

March 2016

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Question 1

What is the probability that Jeff's birthday is on a day which is a multiple of 5?

A $\frac{5}{31}$

B $\frac{1}{5}$

C $\frac{30}{31}$

D $\frac{6}{31}$

Kate is about to take off on a flight and observes the list of departures shown below. Use this table to answer the question below.

Destination	Airline	Flight	Time	Status	Gate
Broome	OzAir	OA244	9:34 am	On Time	A2
Adelaide	JetStream	JS1652	9:50 am	On Time	G1
Sydney	JetStream	JS1433	10:00 am	Delayed	G6
Port Hedland	OzAir	OA291	10:05 am	On Time	A1
Melbourne	JetStream	JS2908	10:25 am	On Time	G3
Canberra	JetStream	JS1361	10:35 am	On Time	G5
Darwin	OzAir	OA301	10:50 am	Delayed	A2

Question 2

If Kate reads the departures board at 8:49 am, how much time is there before the scheduled flight to Broome departs?

A 43 minutes

B 85 minutes

C 37 minutes

D 45 minutes