Doing time
Into the future

We are learning to calculate time differences.

Exercise 1

1)   If today is Tuesday, what day of the week will it be:

a)   14 days from now?   b)   21 days from now?

c)   35 days from now?   d)   38 days from now?

e)   46 days from now?   f)   54 days from now?

2)   If two days ago it was Monday, what day of the week will it be:

a)   7 days from today?   b)   9 days from today?

c)   28 days from today?   d)   63 days from today?

e)   72 days from today?   f)   80 days from today?

3)   Mike's birthday is on the 4th of September. What will the date be:

a)   25 days after his birthday?

b)   35 days after his birthday?

c)   60 days after his birthday?

4)   If today is the 27th of February (and it is not a leap year), what will the date be:

a)   2 weeks from now?   b)   23 days from now?

c)   4 weeks from now?   d)   36 days from now?

5)   Repeat the previous exercise if the date is the 27th of February and it is a leap year.

Exercise 2

1)   When Daniel wakes up in the morning the time on his clock is showing 7.05am. It takes
        him:
        o   12 minutes to get dressed
        o   9 minutes to eat his breakfast
        o   6 minutes to clean his room
        o   25 minutes to practise his guitar; and
        o   20 minutes to travel to school.

a)   What was the time at end of each activity?

b)   Daniel needed to be at school by 8.30 am for a Rock Quest practice. How much time does he have before the practice starts?

2)   Pauline has a busy day.

a)   At Pauline's school Period 3 starts at 11.25 am and lasts for 50 minutes. At what time will the bell ring for the end of this period

b)   It takes Pauline 45 minutes to get to school. If she has to be at school at 8.30 am then what time at the latest would she need to leave home?

c)   At lunchtime Pauline realised that she had forgotten her lunch. If the time was 1.15pm and school finished at 3.35 pm, how long would Pauline have to wait until she could have something to eat?

d)   Pauline left home for dance practice at 4.35 pm and arrives home at 6.20 pm. How long was she away from home?

e)   When Pauline got home she had to eat her tea, finish her homework and do her chores. This which took her $1\frac{3}{4}$ hours. She was then allowed to read her new Harry Potter book for 40 minutes before going to bed. What time did Pauline go to bed?

Into the future

Answers

Exercise 1

1a) Tuesday   (b)   Tuesday   (c)   Tuesday   (d)   Friday
e) Saturday   (f)   Sunday

2a) Wednesday   (b)   Friday   (c)   Wednesday
d) Wednesday   (e)   Friday   (d)   Saturday

3a) 29th September   (b)   9th October   (c)   3rd November

4a) 13th March   (b)   27th March   (c)   22nd March
d) 4th April

5a) 12th March   (b)   26th March   (c)   21st March
d) 3rd April

Exercise 2

1a) 7.17am, 7.216am, 7.32am, 7.57am, 8.17am
b) 13 minutes

2a) 12.15pm   (b)   7.45am
c) 3 hours 5 minutes (She has to get home.)
c) 1 hour 45 minutes
d) 8.45pm