

## End of unit check

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### My journal

Ebo will need to convert the amounts to pence ( $£1.34 = 134p$ ). He can then add  $134 + 72 = 206p = £2.06$ .

### Power puzzle

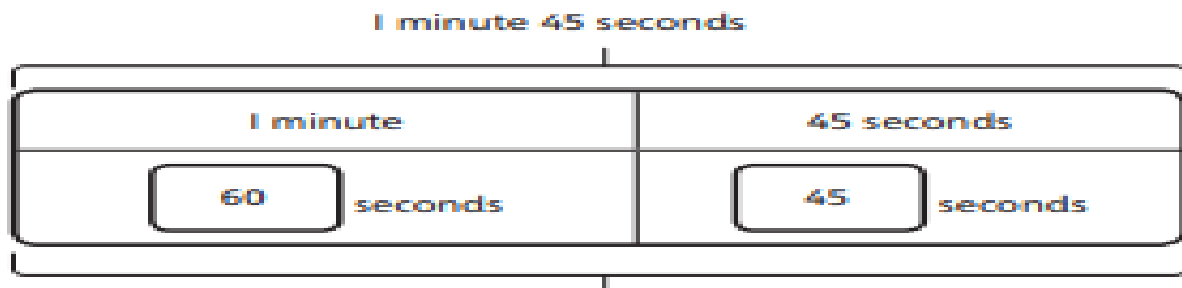
1. A toaster costs £24.  
A kettle costs £48.
2. The radio costs £85.
3. A pair of speakers cost £51.  
A pair of headphones costs £17.  
A camera costs £87.  
headphones (£17) < toaster (£24) < kettle (£48)  
< speakers (£51) < radio (£85) < camera (£87)  
< laptop (£425)

# Unit 13: Time

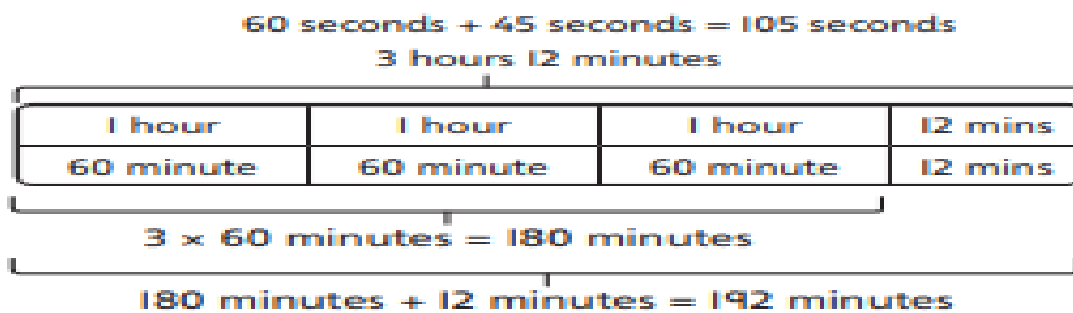
## Lesson 1: Units of time (I)

→ pages 58–60

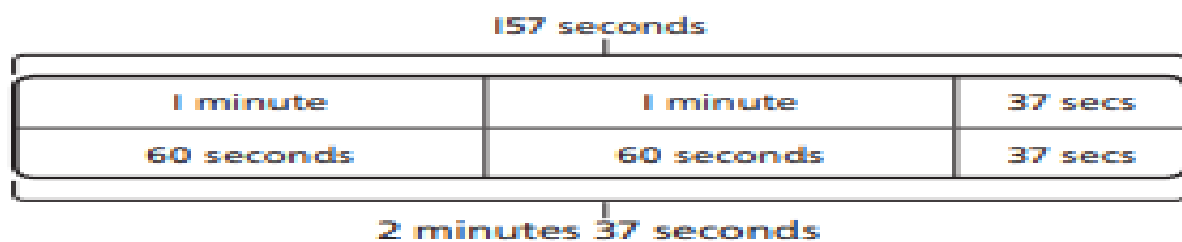
1. a)



b)



c)



2.  $1 \times 6 = 6$        $1 \times 60 = 60$       1 hour = 60 minutes  
 $2 \times 6 = 12$        $2 \times 60 = 120$       2 hours = 120 minutes  
 $3 \times 6 = 18$        $3 \times 60 = 180$       3 hours = 180 minutes  
 $4 \times 6 = 24$        $4 \times 60 = 240$       4 hours = 240 minutes  
 $10 \times 6 = 60$        $10 \times 60 = 600$       10 hours = 600 minutes

3. a) Completed in Practice Book

b) 1 hour and 35 minutes

c) 2 hours and 25 minutes

4. Ella's dad finished the marathon 130 minutes after the winner.

5. 3,600 drops will be in the bowl after 1 hour ( $60 \times 60$ ).

### Reflect

Different methods are possible; for example:

There are 60 minutes in 1 hour.

$$152 - 60 = 92$$

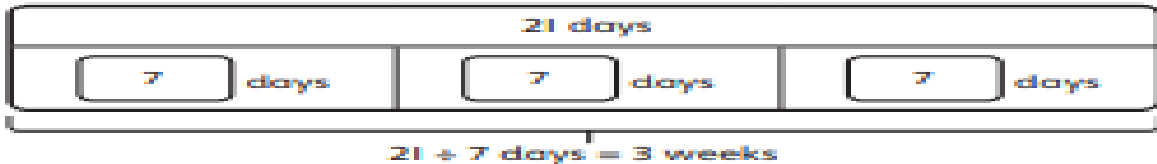
$$92 - 60 = 32$$

So, there are 2 hours and 32 minutes in 152 minutes.

## Lesson 2: Units of time (2)

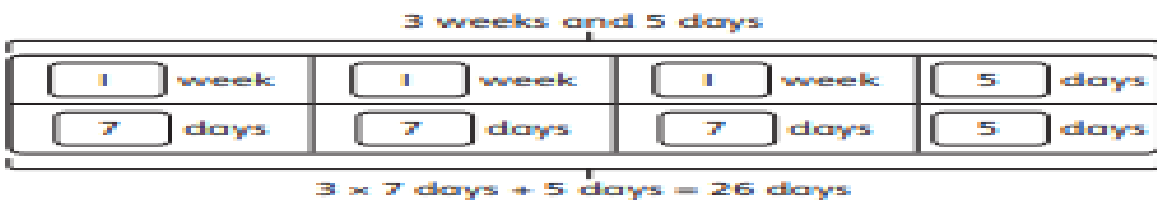
→ pages 61–63

1. a)



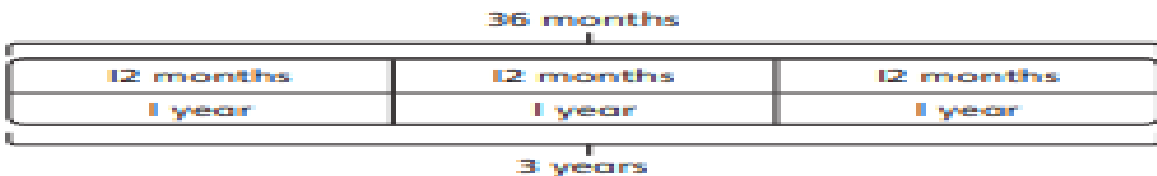
The orange juice should be used within 3 weeks.

b)



The parcel should be delivered in 26 days.

c)



The toy is suitable for children over 3 years old.

2. Lines drawn to match

4 years → 48 months

12 weeks → 84 days

2 years → 730 days

6 weeks 6 days → 48 days

7 months → about 30 weeks

3. Lee has calculated  $53 \times 7 = 371$ . This would tell you the number of days in 53 weeks. To find the number of weeks in 53 days, Lee should have calculated  $53 \div 7$  to get the answer 7 weeks and 4 days.

4. a) 5 weeks + 13 days = 6 weeks 6 days

b) 38 months – 2 years = 14 months

5. Explanations completed:

months in a number of years, multiply by 12.

years in a number of months, divide by 12.

days in a number of weeks, multiply by 7.

weeks in a number of days, divide by 7.

6. Answers will vary; for example:

9 years, 11 weeks and 4 days

$9 \times 365 + 2$  extra days in leap years = 3,287

$11 \times 7 = 77$

$3,287 + 77 + 4 = 3,368$

I am 3,368 days old.

### Reflect

Explanations may vary; for example:

I can find the answer by dividing 20 by 12 and writing the remainder as months.

$20 \div 12 = 1 \text{ r } 8$ , so 20 months is 1 year and 8 months.

## Lesson 3: Converting times (I)

→ pages 64–66

1. a) 1:31 am



c) 3:53 pm



b) 2:42 pm



d) 4:04 am



2. The correct digital time is 10:58.

Emma has mistakenly read the number each hand is closest to.

Max has correctly read the minutes as 58 but incorrectly read the hours as 11 because the hour hand is almost at 11.

3. a)



2:12 am

b)



12:45 pm

c)



6:17 pm

4. In the digital time, the 9 represents 9 hours because quarter to 10 is the same as 9:45.

In the analogue time, the minute hand pointing to the 9 represents 45 minutes past the hour, or a quarter to the next hour.

5. Order of answers will vary:

3:56 pm 5:36 pm



6:35 pm 6:53 pm



### Reflect

Explanations will vary; for example:

To convert from analogue into digital, I would look at the hour (short) hand to identify the hour it is pointing at or has just gone past. I would write this hour before the colon. Then I would look at the minute (long) hand and work out how many minutes it is after the hour by counting how many small intervals the minute hand has turned through (clockwise) since passing the 12. I would write this after the colon (using two digits; for example: writing 02 for 2 minutes). If the time is the morning, I would write 'am' after the time and if it is the afternoon I would write 'pm'.





