

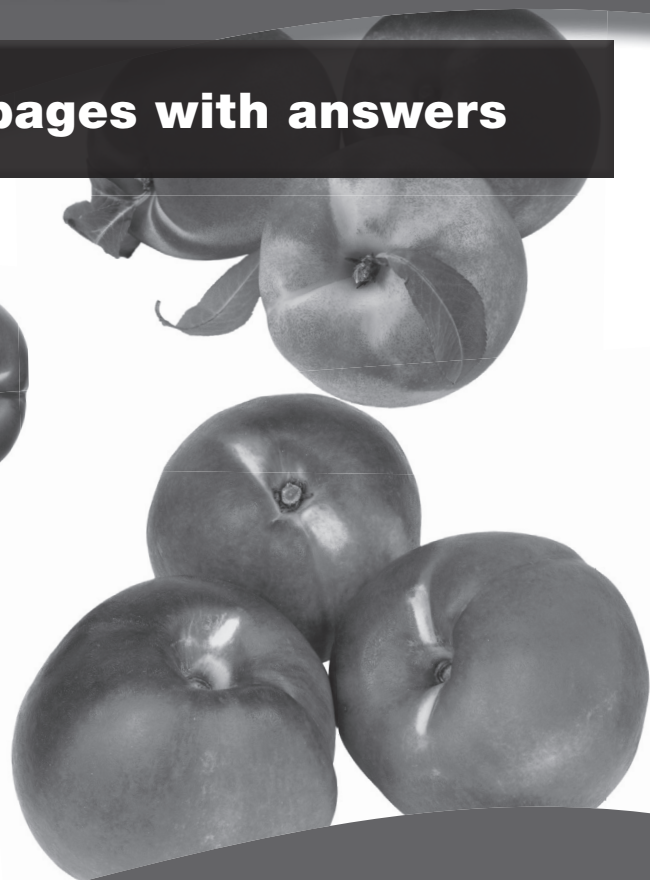
Excel
Basic Skills

**Money, Time
and Fractions**

1-2 Years

**Ages
6-8**

Free-to-download sample pages with answers



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**PASCAL
PRESS**

Alan Horsfield & Elaine Horsfield

A tip to help you! Dollar amounts can be made up of notes, \$1 coins and \$2 coins.

- 1 Write the value on these three notes so that their total value equals \$25. Colour each note its right colour.

\$	\$	\$
----	----	----

- 2 Andy has saved these notes and coins. How much has Andy saved? Write the amount on the line. Don't forget the decimal point.



- 3 Mr Cooper changes a \$100 note for \$20 notes. How many \$20 notes will he get? Write the number on the line.

- 4 What is the value of these notes? Write the total on the line. Don't forget the decimal point.



5 Let's go over your work!

- a Write the value on these three notes so that their total value equals \$80. Colour each note its right colour.

\$	\$	\$
----	----	----

- b Wayne has saved these notes and coins. What is the amount in dollars? Don't forget the decimal point.



- c After a book sale Diana has twelve \$5 notes and one \$10 note. How much money does Diana have in notes? \$

- d Matt has a \$50 note. He spends \$15 on a belt. Put a cross on the notes he will get in his change.



- e Sue takes these notes into the bank. She exchanges them for a single note.



What will be the value of the note she gets? \$

A tip to help you! When counting notes of different values, group the notes of the same value together before you start counting.

1 What is the total value of these notes?



(Count by fives.)



(Count by tens.)

2 Nathan has ten \$20 notes. How much does he have? Write the full answer on the line. _____

3 What is the value of these notes? Write the full answer on the line. _____



4 Put a cross on the notes needed for a total of \$85.



5 **Let's go over your work!**

a Which group of notes has a total of \$45. Tick a box.



b Glen has two \$20 notes and one \$10 note. How much does Glen have? Write your answer on the line. _____

c What is the total value of these notes? _____

d Put a cross on the notes needed for a total of \$105.



e Hamish has \$45. Put a cross on the notes he needs to have a total of \$60.



A tip to help you! Change is the money returned after paying for something. You subtract it from the money you started with to pay for your purchase. (For single items costing 98c or 99c you will be charged \$1. No change is available.)

- 1 Ms Turner bought two cups of coffee for \$10. She paid with a \$50 note. How much change should she get?



- 2 Ricky bought a pizza for \$15. He paid with a \$50 note. Put a cross on the notes he should get in his change.

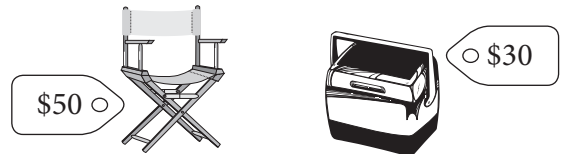


- 3 Steve used these notes to pay for some timber. He got \$5 change. How much did the timber cost?



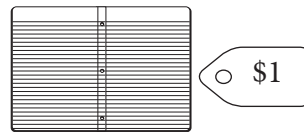
Write your answer on the line.

- 4 Wesley bought these items to go camping. He paid with a one-hundred dollar note. How much change did he get?



5 Let's go over your work!

- a Notebooks are \$1 each. Mr Wise bought six. He paid with a \$10 note. How much change did he get?



- b I have \$30. I buy groceries for \$15. How much money do I have left?

\$5 \$10 \$15 \$20 \$25

- c I have \$50. I buy a game for \$25 and a CD for \$5. How much money will I have left?

\$5 \$10 \$15 \$20 \$25

- d Ramos used these notes to pay a bill. He got \$15 change. How much was the bill for?



- e You have saved this mixture of notes. How much more do you need to have \$100?



31 Value of currency

A tip to help you! The numbers on the notes and coins indicate their value. The higher the number, the greater the value.

1 Put a cross on the note with the highest value.



2 Put a cross on the coin with the highest value.



3 Jan has these notes.



Which one of these has more value than Jan's notes? Put a cross on your choice.



4 Write the numbers 1 to 5 under these notes to show the value from least value to most value. The first one has been done for you.



5 Let's go over your work!

a Put a cross on the note with the least value.



b Draw a ring around the coin with the least value.



c David has these coins. Write the value of the note he can get for all of his coins.



d Write the numbers 1 to 6 under these coins to show the value from least value to most value. The first one has been done for you.



32 Counting money

A tip to help you! If you have to count a lot of coins and notes, count the coins before adding on the notes.

1 Maxine spread her money out across her desk.
How much does she have? Don't forget the sign and decimal point.



2 Bianca counted the money she had saved. How much had Bianca saved?
Don't forget the sign and decimal point.



3 My dad spread his change across his desk.
How much did my dad have?
Don't forget the sign and decimal point.



4 Sean had a jar full of change. He emptied it onto the table.
How much did Sean have?



5 Let's go over your work!

a This is Skye's money for the fete. How much does Skye have?
Don't forget the sign and decimal point.



b Mum was given this change after buying meat. How much change did she get?



c Yvette had this money in her purse.

How much did Yvette have?



d This is Sam's change.

How much does Sam have?



e This is all Joan has.

How much does Joan have?

Don't forget the sign and decimal point.



A tip to help you! Count the coins and notes separately and then add them together to find the total.

- 1 Sandra has these coins. She exchanges them for two notes. Write the value of the coins on the blank notes. Colour them.



\$	\$
----	----

- 2 Carla counted the money she had saved. How much had Carla saved? Don't forget the sign and decimal point.



- 3 Mum emptied her purse onto the coffee table.



How much did Mum have? Don't forget the sign and decimal point.

- 4 This is all Scott has left after going to the shop. How much does Scott have left? Use the dollar sign and the decimal point.



5 Let's go over your work!

- a Brad has these notes. He exchanges them for one note. What is that note?



- b Denis was given this change after buying a footie magazine. How much change did he get?



- c Cindy found this change in her bedroom drawer. How much did Cindy find?



- d This is Pam's savings. How much has Pam saved?

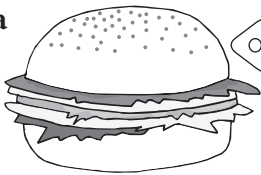

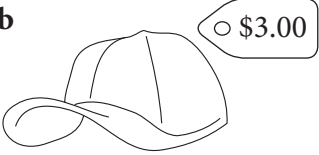



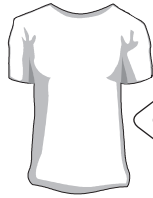

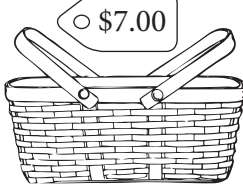

- e This is all Les has. How much does Les have? Don't forget the sign and decimal point.

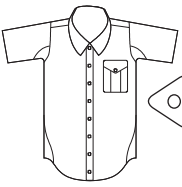

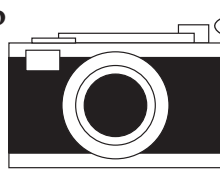



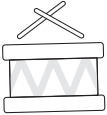
A tip to help you! Change is the money returned after paying for something. You subtract it from the money you started with to pay for your purchase.

Find the change after making a purchase with the amounts shown.

1 a  \$2.00  b  \$3.00 
 Change \$ Change \$



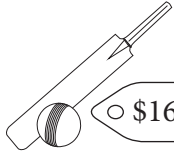

2 a  \$6.00  b  \$7.00 
 Change \$ Change \$

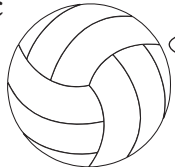

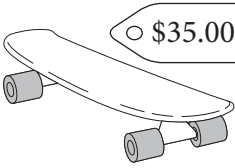

3 a  \$12.00  b  \$18.00 
 Change \$ Change \$

4 I have \$20. I buy this drum.
 How much change do I get? \$  \$14.00

5 Let's go over your work!

How much change do I get?

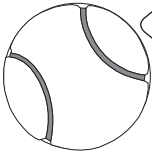



a  \$2.00  b  \$16.00 
 Change \$ Change \$

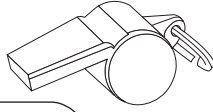

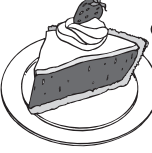

c  \$20.00  d  \$35.00 
 Change \$ Change \$

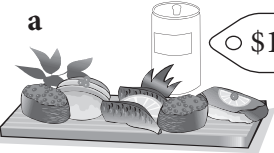



e Luke has these notes.   He buys these joggers.  \$55.00 How much change should he get?
 \$


A tip to help you! The amount of cents in dollar amounts is always two numbers, e.g. \$5.00, \$5.05.

Find the change after making a purchase with the amounts shown.

1 a  \$1.80  b  \$3.50 
 Change \$ Change \$





2 a  80c  b  \$2.50 
 Change \$ Change \$

3 a  \$12.00  b  \$25.00 
 Change \$ Change \$


4 I have \$100. I buy this bicycle.  \$75.00 How much change do I get?
 \$

5 Let's go over your work!





How much change do I get?

a  \$9.50  b  \$18.80 
 Change \$ Change \$

c I have a \$10 note and a \$20 note. I buy a T-shirt and get \$4 change.
 How much does my T-shirt cost? \$

d Jack has five of these notes.  How much money does he have altogether? \$

e Fishing rods cost \$12 each. Gavin buys two.
 Which two notes will cover the cost? Circle a letter.

A  B  C  D 

A tip to help you! When counting notes you can count by 5s, 10s, 20s, 50s and 100s.

- 1 How much money is there? Count these coins and notes to find their value. Write your answer on the line.



\$

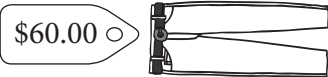
- 2 Count the coins and notes. Then write the amount on the line.



\$

- 3 Mr Long buys petrol for his car. It costs \$35. What is the **least** number of notes he can use to pay for the petrol?

- 4 Jane has ten \$10 notes. How many \$10 notes will she need to pay for these jeans?



5 Let's go over your work!

Count the coins and notes. Then write the total amount on the line.



\$



\$

- c Mrs Short buys this bicycle. What is the **least** number of notes she can use to pay for the bicycle?



- d Greg has to pay \$6.60 for his lunch. Draw the **least** number of notes and coins he can use to pay for his lunch.

- e Jane has eight \$5 notes and she wants to buy these shoes. How many notes will she need to pay for the shoes?

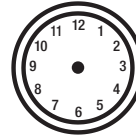


A tip to help you! There are two half-hours in every hour. A half-hour is 30 minutes.

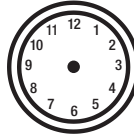
1 This is the time for lunch.



On this clock face show the time half an hour later.

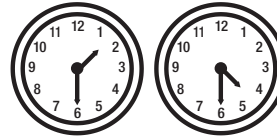


2 Draw the hands for half past 9 on this clock face.



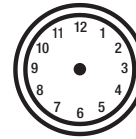
3 Tom got up at 7 o'clock in the morning. He arrived at a show 4 hours later. When did he arrive at the show? Write your answer on the line.

4 These two clocks show two times on a Monday afternoon. What is the difference between the two times? Write your answer on the line.

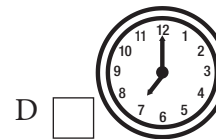
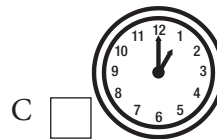
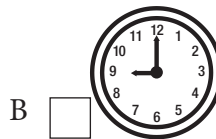
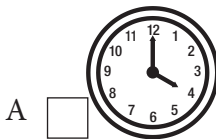


5 **Let's go over your work!**

a Show half an hour before 9 o'clock on this clock face.



b Which clock shows the time closest to 6 o'clock? Tick a box.



c Mandy's alarm goes off at this time. She has 2 hours before she catches the bus to town. What time will Mandy catch the bus? Write your answer on the line.



d How long is it from 12 o'clock to half past 2? You will need hours and a fraction of an hour. Write your answer on the line.

..... hours

e The hour hand takes 60 minutes to go once around the clock face. Is this true or false? Tick a box. True False

Digital clocks show the time using numbers only. This is half past 5 on a digital clock: **5 : 30**
 An **analog clock** is a clock with a face that has hour and minute hands.

A tip to help you! The numbers on a digital clock after the double dots (:) are the minutes after the hour.

1 Write the times on these digital clocks.

a half past 4

b half past 10

c half past 6

2 What are the analog clock times of these digital clocks?

a **7 : 30**

b **11 : 30**

c **12 : 30**

3 Draw lines to match the digital times with the analog times.



3 : 30



11 : 00



6 : 00



9 : 30

4 a How many hours are there from 7:00 to 12:00? hours

b How many hours are there from 3:30 to 10:30? hours

c How many minutes are there from 4:30 to 5:00? minutes

5 **Let's go over your work!**

a Write the digital times for half an hour after these times.

8 o'clock

6 o'clock

half past 11

half past 1

b Lenny leaves for work at 10 o'clock. He returns 3 hours later.

Write the time Lenny returns on this digital clock.

c What will the time be half an hour before 12 o'clock?

Write it on this digital clock.

d How many hours are from **10 : 00** in the morning to **2 : 00** in the afternoon? hours

e How long is it from **6 : 30** to **8 : 00** on the same morning? Circle a letter.

1 hour and 30 minutes

2 hours

2 and $\frac{1}{2}$ hours

3 hours

A

B

C

D

The time 15 minutes after the hour is said to be a **quarter past** the hour.



A tip to help you! You can also write half past 4 as four-thirty or 4:30. This goes for all other half hours on a clock.

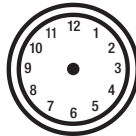
1 This is the time for breakfast.



Draw the time for a quarter past 7.



2 Draw the hands for a quarter past 8 on this clock face.



3 Tom has to walk to school. This takes one and a quarter hours. How many minutes is this?

..... minutes

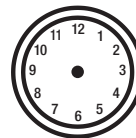
4 Write the **quarter past** times for these clocks.

a a quarter past b a quarter past c a quarter past d a quarter past

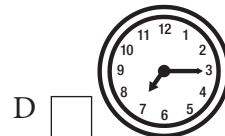
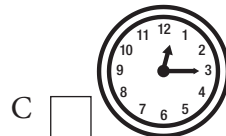
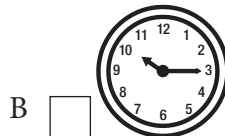
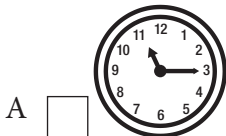


5 **Let's go over your work!**

a Add the hands to show a quarter past 1 on this clock face.



b Which clock shows a quarter past 12? Tick a box.



c At 10 o'clock Andy has 15 minutes for a break at school. What time does Andy's break finish? Circle a letter.

a quarter to 10 half past 10 a quarter past 10 a quarter past 11
A B C D

d How many hours are from a quarter past 2 to a quarter past 4?

Write your answer on the line. hours

e The minute hand takes 15 minutes to go from a quarter past 9 to half past 9.

Is this true or false? Tick a box. True False

The time 15 minutes before the hour is said to be a **quarter to** the hour.

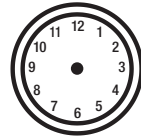


A tip to help you! There are four quarter-hours in 1 hour. They occur when the minute hand is on 3, 6, 9 and 12 on an analog clock (the o'clock time).

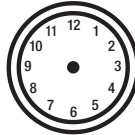
1 This is the time for breakfast.



Draw the time for a quarter to 7.



2 Draw the hands for a quarter to 6 on this clock face.



3 James leaves home at a quarter to 9 to walk to school. This takes one-quarter of an hour. How many minutes is this?

..... minutes

4 Write the **quarter to** times for these clocks.

a a quarter to



b a quarter to



c a quarter to

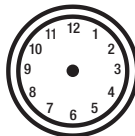


d a quarter to

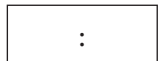


5 **Let's go over your work!**

a Add the hands to show a quarter to 11 on this clock face.



b Oscar has set his mobile phone to ring at a quarter to 8. Show a quarter to 8 on the screen of his phone.



c It will take the minute hand of a clock half an hour to go from a **quarter to 9** to a **quarter past 9**. How many minutes is this? Write a number on the line.

..... minutes

d How many hours are there from a quarter to 4 to a quarter to 10? Circle a letter.

4 hours

6 hours

8 hours

14 hours

A

B

C

D

e What is the difference between these two times?

Write your answer on the line.
(There is more than one way to give the answer.)



A tip to help you! The time it takes something to happen is called duration. The duration of half an hour is 30 minutes.

1 Write the answers on the lines.

a How many quarter-hours are in 1 hour?

b How long does it take the minute hand to go from 12:30 to 12:45? minutes

2 Which thing takes the **longest** time to do? Circle a letter.

watch a movie sing a song count to 20 say the alphabet
A B C D

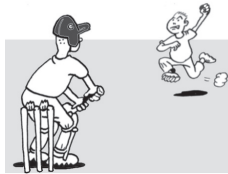
3 Rhys leaves for soccer at 10:45. He comes home at 12:45.

How long is Rhys away from home? hours

4 Which thing takes the **least** time to do? Circle a letter.



A



B



C



D

5 **Let's go over your work!** Circle a letter for the correct answer.

a How many hours are from midnight to midday?

2 6 10 12
A B C D

b How many hours are in a full day?

10 12 20 24
A B C D

c Which thing could take about half an hour to do?



A



B



C



D

d How long is there between the times on these digital clocks?

6:45 7:15

1 minute 10 minutes 30 minutes 1 hour
A B C D

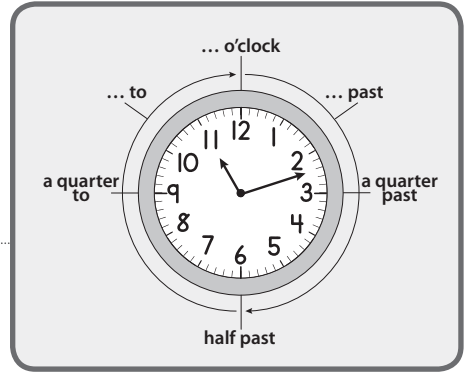
e How long is there between the times on these two clocks?

three-quarters of an hour 20 minutes 4 hours, 45 minutes 5 hours
A B C D



A tip to help you! You can also write a quarter to 4 as three forty-five or 3:45. This goes for all other **quarter to** times on a clock.

- 1 How many minutes are between:
 5 o'clock and half past 5?
 4 o'clock and a quarter past 4?
 2 o'clock and half past 2?
 7 o'clock and a quarter past 7?



- 2 How many minutes are:
 between **11:00** and **11:30**?
 between **4:45** and **5:00**?
 between **2:15** and **2:30**?
 between **1:30** and **1:45**?

- 3 The minute hand starts at 12.
 a Which number will it be at 45 minutes later?
 b How many minutes will it be until the minute hand is back at 12? minutes
- 4 This is the time Helen starts training. This is the time Helen finishes training.



How long does Helen train for?
 Write your answer on the line.
 (There is more than one way to express the answer.)



5 Let's go over your work!

Write the digital times for these clocks.

a



.....
 :



.....
 :

b

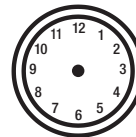
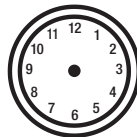


.....
 :



.....
 :

- c Val starts her homework at a quarter past 4 and finishes at a quarter to 5. Show these two times on the clocks.



- d How many minutes are from a quarter past 6 to a quarter to 7? minutes

- e What is the time a quarter of an hour before the time on this clock? Circle a letter.

half past 5 a quarter past 6 a quarter past 5 a quarter to 6

A

B

C


D



43 Day and night

The time on the clock could be either **midnight** or **midday** (midday is sometimes called **noon**).

A tip to help you! There are 12 hours from midnight to midday. This is often called **am**. There are 12 hours from midday to midnight. This is often called **pm**.


1 Look at this clock face.
What will be the time 12 hours later?  o'clock


2 Write words on the lines.
a Midday is in the middle of the b Midnight is in the middle of the
c Underline the correct words.
We start school in the (morning / afternoon). We go home in the (morning / afternoon).


3 Show these morning-time activities on the digital clocks.
Get up: a quarter past 7 Finish breakfast: half past 8 Leave for school: a quarter to 9


: : :

4 What is something you might be doing at 4 o'clock on a Saturday afternoon? Circle a letter.


 playing on the beach
A


 having lunch
B


 brushing your teeth
C


 going to bed
D

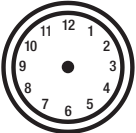
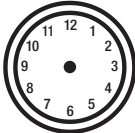
5 Let's go over your work!

a Write the digital times for:
midday : midnight : a quarter to 12 :

b How many hours are from three-thirty in the morning to three-thirty in the afternoon? Circle a letter.
10 hours 12 hours 20 hours 24 hours
A B C D

c How many hours are from 6 o'clock in the evening to 6 o'clock the next morning? Circle a letter.
10 hours 12 hours 20 hours 4 hours
A B C D

d Penny starts painting at 3 o'clock and packs up at a quarter to 5. How long does Penny paint for?
45 minutes 100 minutes 1 hour, 45 minutes 2 hours
A B C D

e Show a quarter to 10 on this clock.  Show the time 45 minutes later on this clock. 

A tip to help you! To count the days in more than a week you can count by 7s (7, 14, 21, 28, and so on).

- 1 a How many days are in 1 week?
- b How many days are in a fortnight?

- 2 a Which day comes 2 days after Tuesday?
- b Which day comes 2 days before Sunday?

- 3 a Which day is a week after Wednesday?
- b Which day is a fortnight after Friday?
- c Which day is 5 days after Wednesday?

These are the days of the week. Another name for 2 weeks is a fortnight.

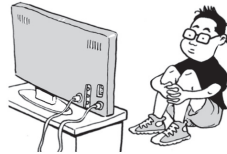
Days of the Week

Sunday	Sun.
Monday	Mon.
Tuesday	Tues.
Wednesday	Wed.
Thursday	Thurs.
Friday	Fri.
Saturday	Sat.

- 4 Which event takes **more** than 1 day? Circle a letter.



A



B



C



D

5 Let's go over your work!

- a How many days are there from one Monday to the next?
- How many days are in a fortnight?
- How many schooldays are there in 2 weeks?
- How many days are on the weekend?
- b Which day is 3 days before Sunday? Circle a letter.
- Thursday Friday Tuesday Wednesday
- A B C D
- c On Friday 10 May Jake remembers the school sports day is on 16 May.
- On which day is the school sports day?
- Tuesday Wednesday Thursday Friday
- A B C D
- d The date of the first day of the school week (Monday) is the third (3rd).
- What is the date in 2 weeks time?
- 7th 10th 14th 17th
- A B C D
- e Which activity takes **more** than a week to do? Circle a letter.
- A feeding the cat B spending the weekend with relatives
- C Term 2 at school D running a long-distance race

A tip to help you! Read a calendar like a table. The names of the days of the week are shown in the top row and you read down. The weeks are arranged in rows across. Different months can start on different days of the week.

- 1 a How many months are in 2 years?
- b How many months are in half a year?
- 2 a Which month comes next after June?
- b Which is the month before January?

This is the calendar month of August 2012.

- 3 a How many days are in August?
- b Which day of the week is the first of August?
- c Which day is 13 August?
- d Put a cross on the second Tuesday in August.
- 4 Which activity lasts more than 1 month? Circle a letter.
 A a visit to the dentist
 B Christmas school holidays
 C New Year's Day
 D the Easter long weekend

These are the months of the year.

Months of the Year

January	July
February	August
March	September
April	October
May	November
June	December

August						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
			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	

5 **Let's go over your work!** This is a calendar for January 2013.

- a How many days are in January?
 - b What was the date of the second Sunday of January 2013?
 - c How many Wednesdays were in January 2013?
 - d The last day of January is 31 January.
 In 2013 which day of the week was the next day?

- What was the date of the next day?

January						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
		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		

Circle a letter for the correct answer.

- e How many days are there from Monday 7 to Monday 28 January?
 4 days 14 days 20 days 21 days
 A B C D

Unit 28 More on counting notes and gold coins Page 32

- The notes will be \$10, \$10 (blue) and \$5 (pink).
- $\$5.00 + \$10.00 + \$2.00 + \$1.00 = \$18.00$
- Mr Cooper would get five \$20 notes. $5 \times \$20.00 = \100.00
- $\$50.00 + \$5.00 + \$20.00 + \$10.00 = \$85.00$
- $\$50.00$ (yellow) + $\$20.00$ (orange) + $\$10.00$ (blue) = $\$80.00$
 - $\$20.00 + \$1.00 + \$10.00 + \$2.00 + \$2.00 + \$50.00 = \$85.00$
 - $(12 \times \$5.00) + \$10.00 = \$70.00$

d He will get

\$35.00 change.

e $\$20.00 + \$10.00 + \$50.00 + \$20.00 = \$100.00$



Unit 29 Counting money Page 33

- $4 \times \$5.00 = \20.00
 - $4 \times \$10.00 = \40.00
- $10 \times \$20.00 = \200.00
- $5 \times \$50.00 = \250.00



- $\$20.00 + \$20.00 + \$10.00 = \50.00
 - $\$20.00 + \$50.00 + \$10.00 + \$20.00 = \$100.00$



e $\$60.00 - \$45.00 = \$15.00$



Unit 30 Getting change Page 34

- $\$50.00 - \$10.00 = \$40.00$
- $\$50 - \$15 = \$35$
- Steve started with $\$60.00$. $\$60.00 - \$5.00 = \$55.00$. Steve paid $\$55.00$.
- Items cost: $\$50.00 + \$30.00 = \$80.00$. $\$100.00 - \$80.00 = \$20.00$
- $6 \times \$1.00 = \6.00 . $\$10.00 - \$6.00 = \$4.00$ change
 - $\$30.00 - \$15.00 = \$15.00$. There will be $\$15.00$ left.
 - $\$25.00 + \$5.00 = \$30.00$. $\$50.00 - \$30.00 = \$20.00$. I will have $\$20.00$ left.
 - Ramos has $\$50.00 + \20.00 . That is $\$70.00$. $\$70.00 - \$15.00 = \$55.00$. The bill was $\$55.00$.
 - You have saved $\$50.00 + \$20.00 + \$5.00 + \$10.00 = \$85.00$. $\$100.00 - \$85.00 = \$15.00$. You need $\$15.00$ more.



Unit 31 Value of currency Page 35

- The \$100 note has the highest value.
- The \$2 coin has the highest value.
- Jan has $\$15.00$. The \$20 note has more value than three \$5 notes.
-



2 1 5 3 4

- The \$5 note has the least value.
 - The 5c piece has the least value.
 - $5 \times \$2.00 = \10.00 . David can get a \$10 note with his coins.

d



3 1 2 5 4 6

Unit 32 Counting money Page 36

- $\$5.00 + \$5.00 + \$2.00 + 50c + 20c = \12.70
- $\$20.00 + \$10.00 + \$5.00 + \$2.00 + \$1.00 + \$1.00 + 10c + 10c + 10c + 10c + 5c = \39.45
- $\$5.00 + \$5.00 + \$2.00 + \$2.00 + 20c + 5c + 5c = \$14.30$

- $\$10.00 + \$5.00 + \$1.00 + 50c + (4 \times 20c) + 10c + 5c = \17.45
- $\$5.00 + \$2.00 + \$2.00 + \$2.00 + \$2.00 + 50c = \13.50
 - $\$20.00 + \$10.00 + \$2.00 + \$1.00 + 10c + 5c = \$33.15$
 - $\$50.00 + \$20.00 + 50c = \$70.50$
 - $\$10.00 + 50c + 50c + 20c + 10c + 5c = \11.35
 - $\$5.00 + 5c = \5.05

Unit 33 More on counting money Page 37

- \$10 note and \$5 note
- $\$20.00 + \$10.00 + \$2.00 + \$2.00 + \$1.00 + 50c + 20c + 10c + 10c + 10c + 5c = \36.15
- $\$5.00 + \$5.00 + \$2.00 + 50c + 20c + 20c + 5c + 5c = \13.00
- $50c + 20c + 10c + 5c = \$0.85$
- $\$5.00 + \$20.00 + \$5.00 + \$20.00 = \$50.00$
 - $\$10.00 + \$5.00 + \$2.00 + 50c + 10c + 5c = \17.65
 - $\$2.00 + \$1.00 + 50c + 10c + 5c = \3.65
 - $\$20.00 + \$10.00 + \$2.00 + \$1.00 + 20c + 5c = \$33.25$
 - $50c + 20c + 20c = \$0.90$

Unit 34 Getting change in dollars Page 38

- $\$5.00 - \$2.00 = \$3.00$ change
 - $\$5.00 - \$3.00 = \$2.00$ change
- $\$10.00 - \$6.00 = \$4.00$ change
 - $\$10.00 - \$7.00 = \$3.00$ change
- $\$20.00 - \$12.00 = \$8.00$ change
 - $\$20.00 - \$18.00 = \$2.00$ change
- $\$20.00 - \$14.00 = \$6.00$ change
- $\$10.00 - \$2.00 = \$8.00$ change
 - $\$20.00 - \$16.00 = \$4.00$ change
 - $\$20.00 - \$20.00 = \$0.00$ change
 - $\$50.00 - \$35.00 = \$15.00$ change
 - $\$20.00 + \$50.00 = \$70.00$. $\$70.00 - \$55.00 = \$15.00$ change

Unit 35 Getting change in notes and coins Page 39

- $\$5.00 - \$1.80 = \$3.20$ change
 - $\$5.00 - \$3.50 = \$1.50$ change
 - $\$10.00 - 80c = \9.20 change
 - $\$20.00 - \$2.50 = \$17.50$ change
 - $\$50.00 - \$12.00 = \$38.00$ change
 - $\$40.00 - \$25.00 = \$15.00$ change
 - $\$100.00 - \$75.00 = \$25.00$ change
 - $\$10.00 - \$9.50 = 50c$ change
 - $\$20.00 - \$18.80 = \$1.20$ change
 - $\$10.00 + \$20.00 = \$30$. $\$30.00 - \$4.00 = \$26.00$.
The T-shirt cost $\$26.00$.
 - $5 \times \$20.00 = \100.00
- d The fishing rods cost:
 $2 \times \$12.00 = \24.00 .
- Gavin needs these notes:



Unit 36 Counting notes and coins Page 40

- $\$10.00 + \$5.00 + \$2.00 + \$1.00 + 50c + 20c + 10c + 5c = \18.85
- $\$20.00 + \$1.00 + \$1.00 + 20c + 20c + 10c + 5c + 5c = \22.60
- The least number of notes is three for a total of $\$35$: a \$20 note, a \$10 note and a \$5 note.
- $6 \times \$10 = \60.00 Jane will need six \$10 notes.
- $\$20.00 + \$10.00 + \$5.00 + \$2.00 + \$2.00 + 20c + 10c + 10c + 5c + 5c + 5c = \39.55
 - $\$20.00 + \$5.00 + 50c + 20c + 10c + 10c + 5c + 5c = \26.00
 - The least number of notes is three for a total of $\$160$: a \$100 note, a \$50 note and a \$10 note.
 - The least number of notes and coins is four for a total of $\$6.60$: a \$5 note, a \$1 coin, a 50c coin and a 10c coin.
 - Jane will need 7 of her \$5 notes. $7 \times \$5.00 = \35.00

Unit 37 Hours and half-hours Page 41

- Half an hour after 12 o'clock is half past 12.
- 4 hours after 7 o'clock is 11 o'clock. $(7 + 4 = 11)$
- From half past 1 to half past 4 is 3 hours.



- 5 a Half an hour before 9 o'clock is half past 8. b D The clock with the time closest to 6 o'clock is 7 o'clock.



- c 2 hours after half past 7 is half past 9. d $2\frac{1}{2}$ hours
e False. The hour hand takes 12 hours to go around the clock face.

Unit 38 Digital clocks—hours and half-hours Page 42

- 1 a **4:30** b **10:30** c **6:30**
2 half past 7, half past 11, half past 12



3 **3:30** **11:00** **6:00** **9:30**

- 4 a 5 hours b 7 hours c 30 minutes

- 5 a **8:30**, **6:30**, **12:00**, **2:00**

- b Lenny returns at **1:00**. It is 2 hours to 12 o'clock then another hour.
c It will be half past 11 which is 11:30.
d 4 hours. It is 2 hours to 12 noon, then 2 more hours: a total of 4 hours.
e A 1 hour to 7:30 then another half-hour (30 minutes)

Unit 39 Hours and quarter-hours Page 43

- 1 a quarter past 7 **2** **3** 75 minutes (60 + 15 = 75)



- 4 a a quarter past 12 b a quarter past 9 c a quarter past 10
d a quarter past 5

- 5 a b C c C A quarter of an hour after 10 o'clock is a quarter past 10 (or 10:15).

- d 2 hours e True. There are 15 minutes between 9:15 and 9:30.

Unit 40 More on hours and quarter-hours Page 44

- 1 **2** **3** 15 minutes. A quarter of an hour is 15 minutes.

- 4 a a quarter to 1 b a quarter to 3 c a quarter to 12 d a quarter to 4

- 5 a b 7:45 c 30 minutes A half-hour is 30 minutes.
d B There are 6 hours from a quarter to 4 to a quarter to 10.

- e From a quarter to 4 to a quarter to 7 is 3 hours. There is another half an hour to a quarter past 7. You could write the answer as $3\frac{1}{2}$ hours or 3 hours, 30 minutes.

Unit 41 Duration Page 45

- 1 a There are 4 quarter-hours in 1 whole hour. b 15 minutes
2 A The activity that takes the longest time is watching a movie (maybe one and a half hours).
3 Rhys is away for 2 hours.
4 C The activity that takes the least time is jumping over a puddle (maybe a second or two).
5 a D From midnight to midday is half a full day: 12 hours.
b D There are 24 hours in a full day.
c A It could take about half an hour to cook sausages on a campfire.
d C It is half an hour from **6:45** to **7:15**. That is 30 minutes.
e C There are 4 hours from 12 o'clock to 4 o'clock and another 45 minutes up to a quarter to 5.

Unit 42 'Past' and 'to' times Page 46

- 1 30 minutes, 15 minutes, 30 minutes, 15 minutes
2 30 minutes, 15 minutes, 15 minutes, 15 minutes
3 a The minute hand will be on 9. b 15 minutes
4 Helen trains for half an hour (30 minutes).
5 a **12:45**, **3:45** b **11:45**, **2:45**

- c Start Finish

- d There is half an hour from a quarter past 6 to a quarter to 7 (30 minutes).
e D The time on the clock is 6 o'clock. A quarter of an hour before that is a quarter to 6.

Unit 43 Day and night Page 47

- 1 12 hours after 12 o'clock is 12 o'clock.
2 a Midday is in the middle of the day.
b Midnight is in the middle of the night. We start school in the morning. We go home in the afternoon.
3 **7:15**, **8:30**, **8:45**
4 A At 4 o'clock on a Saturday afternoon you are most likely to be playing on the beach.
5 a **12:00**, **12:00**, **11:45**
b B It is a 12-hour period.
c B It is a 12-hour period.
d C It is 1 hour to 4 o'clock and then another 45 minutes: 1 hour, 45 minutes.
e a quarter to 10 45 minutes later (half past 10)

Unit 44 More on duration—days and weeks Page 48

- 1 a There are 7 days in a week.
b A fortnight is 2 weeks, which is 14 days.
3 a Thursday is 2 days after Tuesday (Wednesday, Thursday).
b Friday comes 2 days before Sunday (Friday, Saturday).
3 a The next Wednesday is a week after Wednesday.
b A fortnight after Friday is another Friday: 14 days (or 2 weeks) later.
c Monday is 5 days after Wednesday (Thursday, Friday, Saturday, Sunday, Monday).
4 D Going camping would take more than a day. Camping is at least overnight.
5 a Monday to Monday is a week: 7 days. A fortnight is 2 weeks: 14 days. There are 5 days in one school week: 10 days in 2 school weeks. A weekend is 2 days.
b A Thursday is 3 days before Sunday (Thursday, Friday, Saturday).
c C The school sports day will be on a Thursday.
d D The date will be 2 full weeks later (14 days). (3 + 14 = 17)
e C All school terms are more than a week.

Unit 45 More on duration—months Page 49

- 1 a 24 months are in 2 years (12 + 12 = 24).
b 6 months are in half a year (half of 12 = 6).
2 a July comes after June. b December comes before January.
3 a 31 days are in August. b Wednesday is the first day of August. c 13 August is a Monday.
4 B The school Christmas holidays are more than a month.
5 a 31 days are in January.
b The second Sunday was 13 January.
c There were five Wednesdays.
d 31 January was a Thursday. The next day, 1 February, was a Friday.
e D There are 21 days from Monday 7th to Monday 28th: 3 full weeks.

August						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
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	