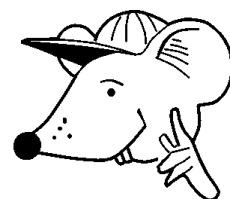




# MATHEMATICS



**N.S. Yr. 3 P.79**

**Understand and read the time.**

## Equipment

Paper, pencil.  
Clock face useful.  
Calendar useful.

# MathSphere

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## **Concepts**

In year three children will consolidate their use of vocabulary, including:

### **The days of the week**

*autumn, winter, spring and summer*

*second, minute, hour, day, week, fortnight, month, year*

*morning afternoon, noon, evening, night, midnight, midday*

*today, tomorrow, yesterday*

*now, soon, early, late, before, after*

*first, second, third, next, last*

*quick, fast, slow, quicker, faster, slower*

*how long?*

*sometimes, often, always, never*

Children will be expected to know:

that there are 365 days in a year, 52 weeks or 12 months in a year, 7 days in a week and that a day is 24 hours long.

They will also be expected to know that there are 60 seconds in a minute and sixty minutes in an hour.

Children will learn to read the time on a clock face, both digital and analogue (with hands) to five minutes.

Plenty of oral work is necessary for these activities - ask questions such as "What time will it be in half an hour?" or "What time do you go to bed?" etc.

Large calendars, days, months and clock faces showing the time can be put up around the room as a reminder.

A blank analogue/digital sheet is provided at the end of the module for adults or children to make up further times.

**Calendar**

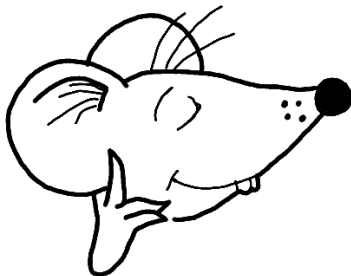
October 1999						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					<b>1</b>	<b>2</b>
<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>
<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>
<b>31</b>						

1. How many days were there in October?
2. How many Sundays were there in October during the year shown?
3. Write down the date of each Monday in October.
4. What day of the week was October 15<sup>th</sup> ?
5. What day of the week was October 25<sup>th</sup> ?
6. On what day of the week did the month start ?
7. What is the month before October?
8. What is the next month after October?

Calendar

<u>June 2000</u>					
<u>Monday</u>		<b>5</b>	<b>12</b>	<b>19</b>	<b>26</b>
<u>Tuesday</u>		<b>6</b>	<b>13</b>	<b>20</b>	<b>27</b>
<u>Wednesday</u>		<b>7</b>	<b>14</b>	<b>21</b>	<b>28</b>
<u>Thursday</u>	<b>1</b>	<b>8</b>	<b>15</b>	<b>22</b>	<b>29</b>
<u>Friday</u>	<b>2</b>	<b>9</b>	<b>16</b>	<b>23</b>	<b>30</b>
<u>Saturday</u>	<b>3</b>	<b>10</b>	<b>17</b>	<b>24</b>	
<u>Sunday</u>	<b>4</b>	<b>11</b>	<b>18</b>	<b>25</b>	

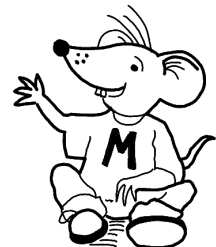
1. How many days are there in June?
2. On what day of the week did June start?
3. How many Saturdays were there in June during the year shown ?
4. What dates in June were Fridays?
5. Which day of the week was 18<sup>th</sup> June ?
6. Which day of the week was 22<sup>nd</sup> June?
7. On what day of the week did June end?
8. How many Tuesdays were there in June during the year shown?

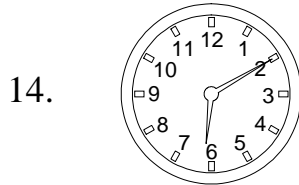
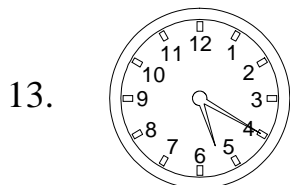
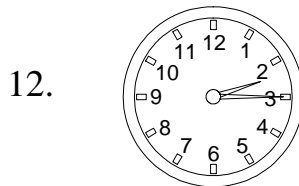
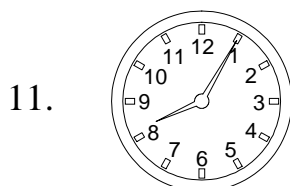
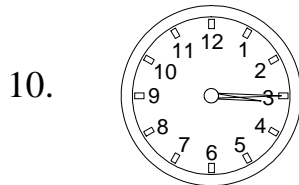
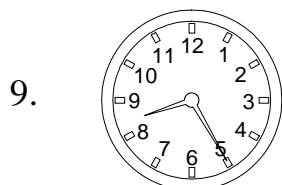
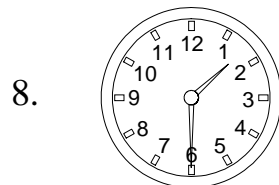
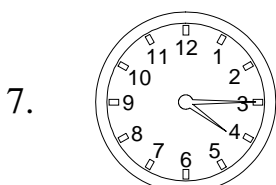
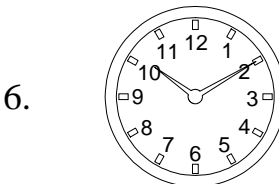
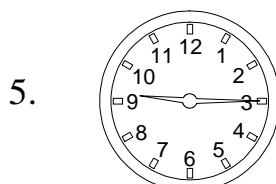
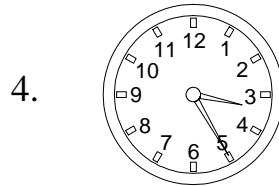
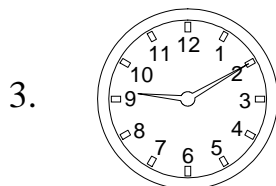
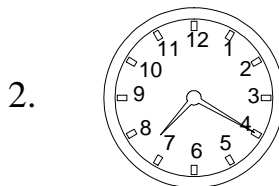
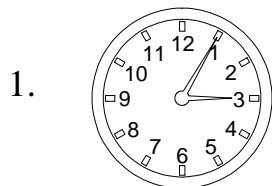
**Facts and figures**

Try and answer the questions below.

1. How many days in a week?
2. How many months in a year?
3. How many weeks in a year?
4. What is the first month of the year?
5. What is the last month of the year?
6. How many hours in a day?
7. How many minutes in an hour?
8. How many seconds in a minute?
9. How many days in April?
10. How many days in February?

How did you do?  
Some of these were hard!!

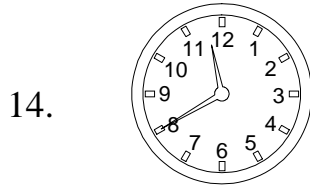
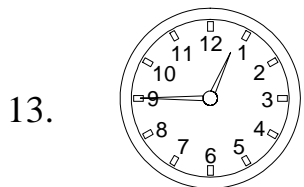
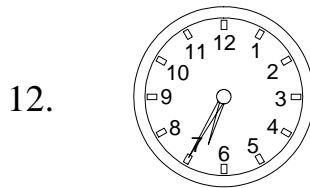
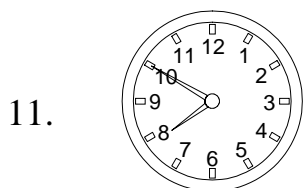
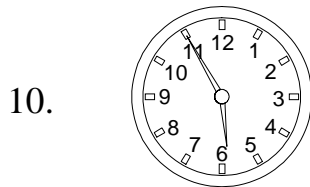
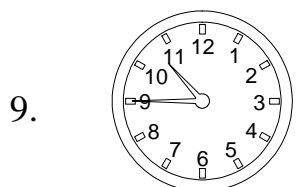
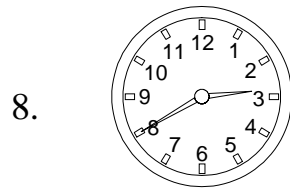
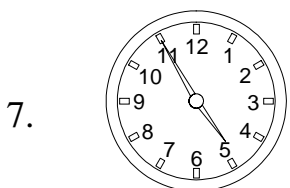
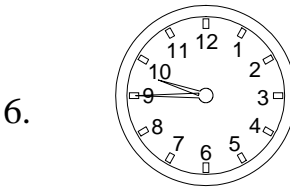
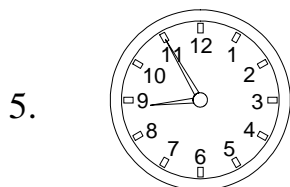
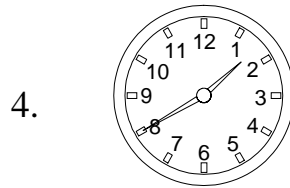
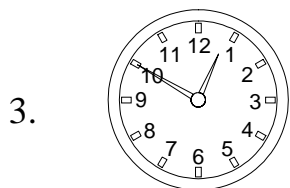
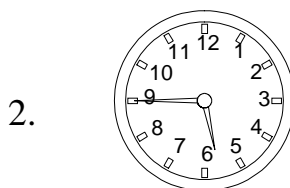
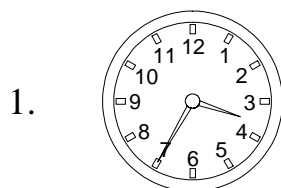


**Minutes past the hour**

Read these times and write them down.

Remember: these are minutes past the hour.



**Minutes to the hour**

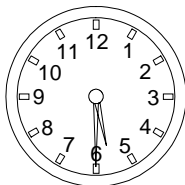
Read these times and write them down.

Remember: these are minutes to the hour.

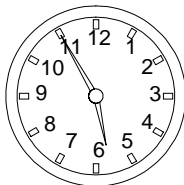


## Telling the Time

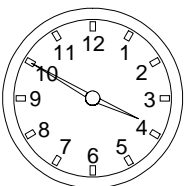
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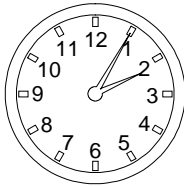
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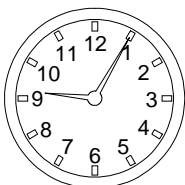
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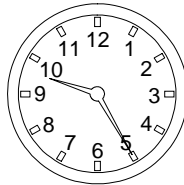
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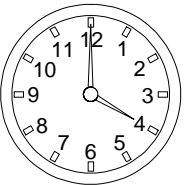
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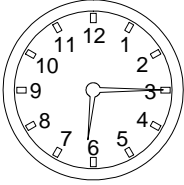
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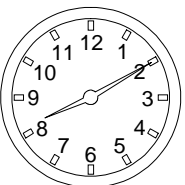
7.



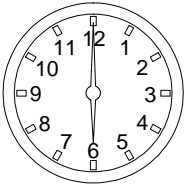
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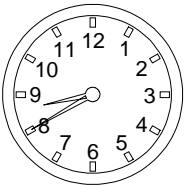
9.



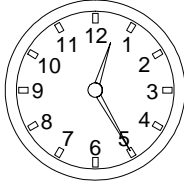
10.



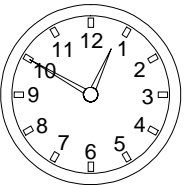
11.



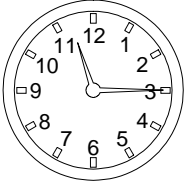
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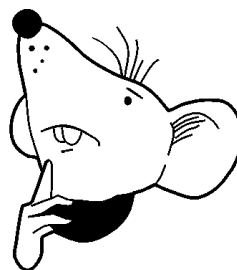
13.



14.



If you are  
getting  
these right  
you must  
be a real  
whizz on  
time!

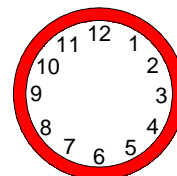




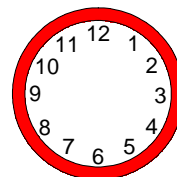
### Telling the Time

Write these times in the two clock faces:

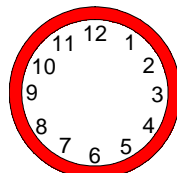
1. twenty past four



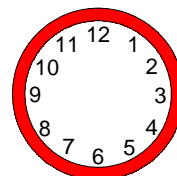
2. quarter to five



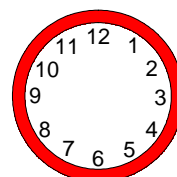
3. ten to six



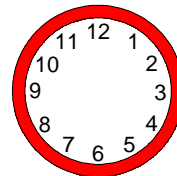
4. five past seven



5. twenty five to three



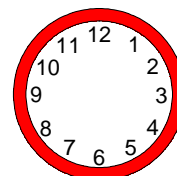
6. five to eight



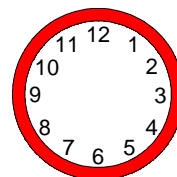
### Telling the Time

Write these times in the two clock faces:

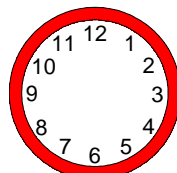
1. ten past three



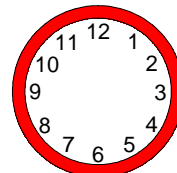
2. nine o'clock



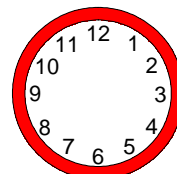
3. twenty five to one



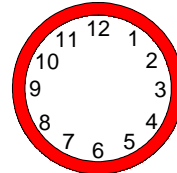
4. twenty to six



5. twenty five past one



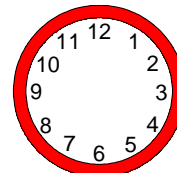
6. five to nine



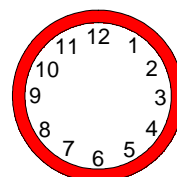
## Telling the Time

Write these times in the two clock faces:

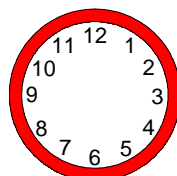
1.



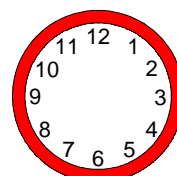
2.



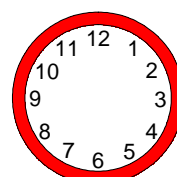
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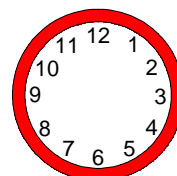
4.



5.



6.



Answers**Page 3**

1. 31 days    2. 5 Sundays    3. 4.10.99    11.10.99    18.10.99    25.10.99  
 4. Friday    5. Monday    6. Friday    7. September    8. November

**Page 4**

1. 30 days    2. Thursday    3. 4 Saturdays  
 4. 2.6.2000    9.6.2000    16.6.2000    23.6.2000    30.6.2000  
 5. Sunday    6. Thursday    7. Friday    8. 4 Tuesdays

**Page 5**

1. 7 days    2. 12 months    3. 52 weeks    4. January    5. December  
 6. 24 hours    7. 60 minutes    8. 60 seconds    9. 30 days    10. 28 days (29)

**Page 6**

1. 5 past 3    2. 20 past 7    3. 10 past 9    4. 25 past 3    5. quarter past 9  
 6. 10 past 10    7. quarter past 4    8. half past 1    9. 25 past 8    10. quarter past 3  
 11. 5 past 8    12. quarter past 2    13. 20 past 5    14. 10 past 6

**Page 7**

1. 25 to 4    2. Quarter to 6    3. 10 to 1    4. 20 to 2    5. 5 to 9  
 6. quarter to 10    7. 5 to 5    8. 20 to 3    9. Quarter to 11    10. 5 to 6  
 11. 10 to 8    12. 25 to 7    13. Quarter to 1    14. 20 to 12

**Page 8**

1. half past 5 (5.30)    2. 5 to 6    3. 10 to 4    4. 5 past 2    5. 5 past 9  
 6. 25 past 9    7. 4 o'clock    8. quarter past 6    9. 10 past 8    10. 6 o'clock  
 11. 20 to 9    12. 25 past 12    13. 10 to 1    14. quarter past 11