

6. Write in digital form the times that are 15 minutes **later** than these times.

(a) **1:13**

1:28

(b) **2:53**

3:08

(c) **3:34**

3:49

(d) **6:47**

7:02

7. Write in digital form the times that are 15 minutes **earlier** than these times.

(a) **4:27**

4:12

(b) **5:12**

4:57

(c) **7:42**

7:27

(d) **9:07**

8:52

8. The bus journey from Uptown to Woodside takes 12 minutes. Complete this table to show the arrival times for the following buses.

Departs Uptown	9:05	9:34	9:57	10:13	10:28	10:52
Arrives Woodside	<u>9:17</u>	<u>9:46</u>	<u>10:09</u>	<u>10:25</u>	<u>10:40</u>	<u>11:04</u>

9. Write the following as **hours and minutes**.

(a) 70 mins

1 hr 10 mins

(b) 85 mins

1 hr 25 mins

(c) 100 mins

1 hr 40 mins

(d) 115 mins

1 hr 55 mins

10. Write the following as **minutes**.

(a) 1 hr 15 mins

75 mins

(b) 1 hr 30 mins

90 mins

(c) 1 hr 45 mins

105 mins

(d) 1 hr 50 mins

110 mins

11. Write the following as **minutes**.

(a)  $1\frac{1}{4}$  hrs

75 mins

(b)  $1\frac{1}{2}$  hrs

90 mins

(c)  $1\frac{3}{4}$  hrs

105 mins







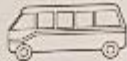


(d)  $2\frac{1}{4}$  hrs

135 mins

12. The train journey from Newtown to Westside takes 25 minutes. Complete this table to show the departure times for the following trains.



Departs Newtown	<u>7:15</u>	<u>7:50</u>	<u>8:10</u>	<u>8:30</u>	<u>8:45</u>	<u>8:55</u>
Arrives Westside	7:40	8:15	8:35	8:55	9:10	9:20

### Written Problems

1.  A train started its journey at 2:35. If the journey took 2 hrs 20 minutes, at what time did it end? 4:55
2.  A film started at 3:50. If the film lasted 1 hour 38 minutes, at what time did it end? 5:28
3.  Dad set off on a journey at 2:45. Two and a half hours later he completed the journey. What time was it then? 5:15
4.  A football match started at 2:15 and finished at 3:50. How long did the match last? 1 hour 35 minutes
5.  A group of people went on a hike at 1:35. They completed the hike at 5:20. How long did the hike last? 3 hrs 45 mins
6.  A programme on TV started at 3:38 and finished at 5:12. How long did the programme last? 1 hr 34 mins
7. Write the time that is 2 hours 28 minutes later than 3:47. 6:15
8. Write the time that is 1 hour 34 minutes earlier than 4:23. 2:49
9.  A bus journey from Dublin to Galway took  $3\frac{3}{4}$  hours. (3 hrs 45 mins) If the bus arrived in Galway at 6:25, at what time did it leave Dublin? 2:40
10. A train left Sligo for Dublin at 2:53. The journey took 3 hours and 28 minutes. At what time did the train arrive in Dublin? 6:21
11.  Paul watched TV from 1:37 to 5:23 one afternoon. How long did he spend watching TV? 3 hrs 46 mins
12.  An aeroplane arrived in Ireland at 6:25, having completed a journey of  $1\frac{3}{4}$  hours. At what time did the journey begin? 4:40





### Wednesday

- The sum of two numbers is 94. If one number is 68, what is the other? 26
- $62.42 \times 100 =$  6,242
- From 16 take 1.7. 14.3
- $7 \times$  11  $= 77$
- Write the smallest number that can be made using all these digits: 6 9 0 3. 0369 or 369
- Increase a width of 9m by 50cm. 9.5m
- $\frac{1}{4} + \frac{2}{3} =$   $\frac{7}{12}$
- How many faces has a cuboid? 6
- Draw the reflection of this: 
- $+50 \quad +50$   
10. 125, 175, 225, 275, 325, 375
- Circle the odd one out.  $\frac{3}{4}$   $\frac{6}{8}$   $\frac{1}{2}$
- In a class of 32, how many children have blonde hair? 8 
- A bicycle cost €150. I had €56.40 saved and Mum gave me €25.60. How much more I need to buy the bicycle? €68
- Teacher lives 13km from school. How far does he travel to and from school each week? 130km
- At school, the children have a 10-minute break in the morning and a 30-minute break at lunch. How many hours and minutes break do the children have in a week? 3hrs 20min
- Dan has €2.55. Rob has 3 times as much as Dan and Matt has €1.50 more than Dan. How much have the three boys altogether? €14.25

Rob = €7.65  
Matt = €4.05

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### Thursday

- What number is greater than 54 by 32? 86
- How much more is €220 than €150? 70c
- $(10 \times 8) - 12 = 68$
- $65 \div 10 =$  6.5
- $\frac{1}{8} + \frac{3}{8} =$   $\frac{4}{8}$
- What type of angle is this? obtuse 
- John spent  $\frac{7}{9}$  of his money  $\frac{1}{9} = €9$  and had €18 left. How much money had he at first? €81
- $2 - \frac{7}{10} =$  1.3
- How many centimetres short of 7.6m is 50cm? 710cm
- $42 \div 0.5 =$  84
- How many hours and minutes are there from 11:25 to 1:10?  
1 hour(s) 45 minutes 5 
- The width of a rectangle is 5cm. Its perimeter is 26cm. What is the length of the rectangle? 8cm  
A 4.36km C



- What is the distance from Town A to Town D? 8.92km
- How much short of 10km is the distance from Town A to Town D? 1.08km
- How much nearer is Town C to Town A than to Town D? 0.2km
- A bus travels from Town A to Town C and back 4 times each day. What is the total distance the bus travels each day? 34.88km  
4.36km x 2 = 8.72km x 4 = 34.88km

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See page 95 for test.

## Monday

- The sum of two numbers is 55. If one number is 27, what is the other? 28
- $11 \times 12 =$  132
- From 13 take 7.9. 5.1
- Find  $\frac{4}{5}$  of 40. 32
- Write the smallest number that can be made using all these digits: 3 2 7 8 ~~2,378~~
- $(4 \times 12) - \overset{48}{7} = 41$
- If 3 litres of milk cost €2.70, what is the price of 2 litres? €1.80
- Which is the odd one out: sphere, triangle, tetrahedron, pyramid?  
triangle (2D shape)
- $0.721 \times 1,000 =$  721
- 160, 145, 130, 115, 100, 85
- $4 \overline{)157}$   
039 R 1  $+8 \begin{array}{|c|} \hline +8 \\ \hline \end{array} 8$
- The perimeter of a square is 32cm. What is the length of each side? 8cm
- A train ticket costs €9.54. What is the cost of 8 train tickets? €76.32
- Mary wrote down the number 2.57. John wrote down a number 9 times greater than that. What number did John write? 23.13
- A chef uses 3 eggs to make an  $\frac{16}{3} \times$  omlette. How many of his 55 eggs 48 did he have left over after he made 7 16 omlettes? 7
- If Denis saves 60c per day, how much did he save from March 25th to April 7th? €8.40

## Tuesday

- Find the sum of  $40 + 370$ . 410
- From 54 take 3.9. 50.1
- What is 7 times longer than 4.5m? 31.5
- Find  $\frac{5}{6}$  of 360. 300
- Write the times in 15-minute intervals.  
2:03, 2:18, 2:33, 2:48
- What is the perimeter of a regular hexagon with 4cm sides? 24cm
- 2.5 times further than 36m = 90m
- $€4.15 + €5.55 =$  €9.70
- What am I? I have two faces yet I am a 3-D shape. cone
- Which side of the balance will tip down? a
- Is **P** symmetrical? No
- $\frac{72}{6} = 12$

### My garden



- What is the perimeter  $40+40+10+10 = 100m$  of my garden? 100m
- If I put a wooden fence around the garden costing €40 per metre, what is the cost of fencing the garden? €4,000  $€40 \times 100m = €4,000$
- Find the area of the garden pond. 35m<sup>2</sup>  $7m \times 5m = 35m^2$
- What is the area of the grass area? 365m<sup>2</sup>  $10m \times 40m = 400m^2 - 35m^2 = 365m^2$



# Written Computation

1. (a)

$$\begin{array}{r} \text{hrs mins} \\ 2 \quad 25 \\ + 3 \quad 18 \\ \hline 5 \quad 43 \end{array}$$

2. hrs mins

$$\begin{array}{r} 3 \quad 28 \\ + 2 \quad 56 \\ \hline 5 \quad 84 \\ - 6 \quad 24 \\ \hline \end{array}$$

3. hrs mins

$$\begin{array}{r} 4 \quad 56 \\ + 2 \quad 39 \\ \hline 6 \quad 95 \\ - 7 \quad 35 \\ \hline \end{array}$$

4. hrs mins

$$\begin{array}{r} 5 \quad 48 \\ - 2 \quad 23 \\ \hline 3 \quad 25 \end{array}$$

5. hrs mins

$$\begin{array}{r} 56 \quad 234 \\ - 2 \quad 47 \\ \hline 3 \quad 47 \end{array}$$

6. hrs mins

$$\begin{array}{r} 7 \quad 25 \\ - 3 \quad 46 \\ \hline 3 \quad 39 \end{array}$$

(b)

$$\begin{array}{r} \text{hrs mins} \\ 1 \quad 45 \\ + 2 \quad 30 \\ \hline 3 \quad 75 \\ - 4 \quad 15 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 4 \quad 39 \\ + 2 \quad 43 \\ \hline 6 \quad 82 \\ - 7 \quad 22 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 5 \quad 17 \\ + 1 \quad 54 \\ \hline 6 \quad 71 \\ - 7 \quad 11 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 6 \quad 53 \\ - 3 \quad 37 \\ \hline 3 \quad 16 \end{array}$$

hrs mins

$$\begin{array}{r} 7 \quad 23 \\ - 4 \quad 38 \\ \hline 2 \quad 45 \end{array}$$

hrs mins

$$\begin{array}{r} 6 \quad 32 \\ - 1 \quad 54 \\ \hline 4 \quad 38 \end{array}$$

(c)

$$\begin{array}{r} \text{hrs mins} \\ 3 \quad 38 \\ + 2 \quad 47 \\ \hline 5 \quad 85 \\ - 6 \quad 25 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 3 \quad 57 \\ + 1 \quad 36 \\ \hline 4 \quad 93 \\ - 5 \quad 33 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 6 \quad 37 \\ + 2 \quad 58 \\ \hline 8 \quad 95 \\ - 9 \quad 35 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 7 \quad 43 \\ - 2 \quad 36 \\ \hline 5 \quad 07 \end{array}$$

hrs mins

$$\begin{array}{r} 6 \quad 15 \\ - 2 \quad 29 \\ \hline 3 \quad 46 \end{array}$$

hrs mins

$$\begin{array}{r} 9 \quad 34 \\ - 3 \quad 45 \\ \hline 5 \quad 49 \end{array}$$

(d)

$$\begin{array}{r} \text{hrs mins} \\ 2 \quad 39 \\ + 1 \quad 48 \\ \hline 3 \quad 87 \\ - 4 \quad 27 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 2 \quad 34 \\ + 3 \quad 52 \\ \hline 5 \quad 86 \\ - 6 \quad 26 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 3 \quad 49 \\ + 4 \quad 35 \\ \hline 7 \quad 84 \\ - 8 \quad 24 \\ \hline \end{array}$$

hrs mins

$$\begin{array}{r} 45 \quad 674 \\ - 2 \quad 37 \\ \hline 2 \quad 37 \end{array}$$

hrs mins

$$\begin{array}{r} 8 \quad 36 \\ - 4 \quad 48 \\ \hline 3 \quad 48 \end{array}$$

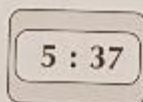
hrs mins

$$\begin{array}{r} 5 \quad 23 \\ - 1 \quad 47 \\ \hline 3 \quad 36 \end{array}$$

7. A



B



What is the difference in time between Clock A and Clock B? 2hr 46mins

## 18. Time

### Mental Computation

1. Write the time shown on each clock.

(a)



25 past 1

(b)



25 to 11

(c)



quarter past 8

(d)



quarter to 3

2. Write the time shown on each clock in Question 1 as **digital time**.

(a)

1:25

(b)

10:35

(c)

8:15

(d)

2:45

3. Write in digital form the times that are **20 minutes later** than the following times.

(a)

7:15

7:35

(b)

3:50

4:10

(c)

9:35

9:55

(d)

10:55

11:15

4. Write in digital form the times that are **20 minutes earlier** than the following times.

(a)

4:45

4:25

(b)

6:10

5:50

(c)

8:35

8:15

(d)

9:15

8:55

5. Write the time shown on each clock in **digital form**.

(a)



8:17

(b)



9:42

(c)



9:03

(d)



10:36