



4 Addition and subtraction of decimals

$$\begin{array}{r} 1 \quad 23.61 \\ + 42.17 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 56.37 \\ + 13.28 \\ \hline \end{array}$$

1..... ☐2..... ☐

$$\begin{array}{r} 3 \quad 36.48 \\ + 29.34 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 736.8 \\ + 27.9 \\ \hline \end{array}$$

3..... ☐4..... ☐

$$\begin{array}{r} 5 \quad 48.3 \\ + 27.28 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 13.26 \\ + 17.842 \\ \hline \end{array}$$

5..... ☐6..... ☐

$$\begin{array}{r} 7 \quad 68.48 \\ - 27.35 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 49.27 \\ - 36.32 \\ \hline \end{array}$$

7..... ☐8..... ☐

$$\begin{array}{r} 9 \quad 43.74 \\ - 17.38 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 15.83 \\ - 6.29 \\ \hline \end{array}$$

9..... ☐10..... ☐

$$\begin{array}{r} 11 \quad 3.072 \\ - 1.281 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 5.3 \\ - 1.962 \\ \hline \end{array}$$

11..... ☐12..... ☐

$$13 \quad 28 + 3.6 + 0.87 + 12.3$$

13..... ☐

$$14 \quad 46.5 + 7 + 0.03 + 1.68$$

14..... ☐

$$15 \quad 8.72 - 1.918$$

15..... ☐

$$16 \quad 63.2 - 1.74$$

16..... ☐

Minimum mark

Circle grade

13	11	8	5	
A	B	C	D	E

16



5 Calculation checks

Write the following correct to the nearest whole number:

1 3.4

2 7.8

1..... ☐

3 13.6

4 18.3

2..... ☐

3..... ☐

5 3.287

6 25.612

4..... ☐

5..... ☐

7 63.18

8 13.53

6..... ☐

7..... ☐

9 18.07

10 59.712

8..... ☐

9..... ☐

11 80.32

12 99.8

10..... ☐

11..... ☐

12..... ☐

For each of the following questions choose the right estimate:

13 $3803 - 2698$ Choose from: a 11 000, b 110, c 1100

13..... ☐

14 $892 + 399$ Choose from: a 1200, b 1300, c 1400

14..... ☐

15 $1403 - 199$ Choose from: a 500, b 1200, c 1300

15..... ☐

16 $5706 - 998$ Choose from: a 4700, b 4600, c 4800

16..... ☐

17 $297 + 598$ Choose from: a 700, b 800, c 900

17..... ☐

18 $3004 + 2997$ Choose from: a 0, b 6000, c 5900

18..... ☐

Check these answers by estimating.

Three are wrong. Put ✓ or ✗ in the answer space

19 $78.39 \times 61.21 = 479.82519$

19..... ☐

20 $5945 \div 29 = 20.5$

20..... ☐

21 $399 \times 1.98 = 790.02$

21..... ☐

22 $7.015 \times 39.6 = 277.794$

22..... ☐

23 $7995 \div 39 = 205$

23..... ☐

24 $7980 \div 19 = 4200$

24..... ☐

Minimum mark

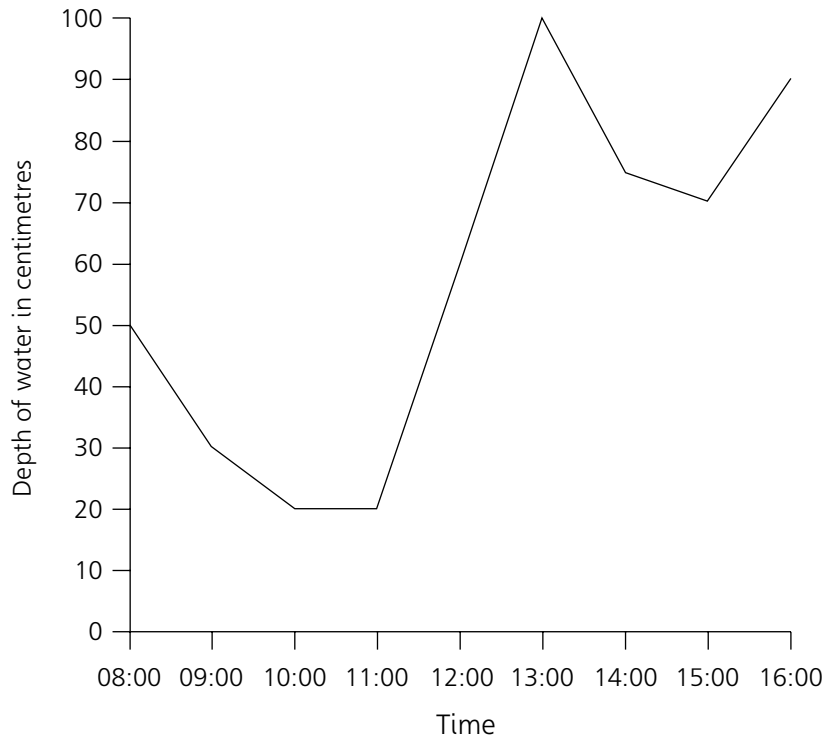
Circle grade

19	16	12	8	
A	B	C	D	E

24

29 Line graphs

This is a line graph. It shows the depth of water in a tank.



1 What depth of water was in the tank at:

a 08:00?

1a ☐

b 10:00?

1b ☐

c 12:00?

1c ☐

d 14:00?

1d ☐

2 What was the:

a The greatest depth of water in the tank?

2a ☐

b The least depth of water in the tank?

2b ☐

3 At what time was the depth of water 60 cm?

3 ☐

4 At what time was the depth of water 100 cm?

4 ☐

Minimum mark

Circle grade

7	5	4	2	
A	B	C	D	E

8

30 Probability

A six sided die (dice) is thrown.

State whether the chance of each of the following events happening is certain, likely, even, unlikely or impossible.

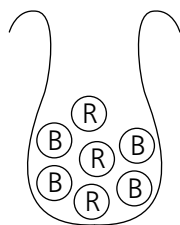
- | | | |
|--------------------------------|--------|--------------------------|
| 1 Shaking more than 7 | 1..... | <input type="checkbox"/> |
| 2 Shaking less than 7 | 2..... | <input type="checkbox"/> |
| 3 Shaking a 5 | 3..... | <input type="checkbox"/> |
| 4 Shaking an odd number | 4..... | <input type="checkbox"/> |
| 5 Shaking a number less than 5 | 5..... | <input type="checkbox"/> |
| 6 Shaking a 1 or 2 | 6..... | <input type="checkbox"/> |
| 7 Shaking an 8 | 7..... | <input type="checkbox"/> |
| 8 Shaking 3 or less | 8..... | <input type="checkbox"/> |

This bag contains some red and blue counters.

What is the probability of each of the following?

Choose from less than even, even or more than even.

Write 'Less', 'Even' or 'More' in the answer space:



R = Red
B = Blue

- | | | |
|--|---------|--------------------------|
| 9 Choosing a blue | 9..... | <input type="checkbox"/> |
| 10 Choosing a red | 10..... | <input type="checkbox"/> |
| 11 How many reds must be added to the bag to make the chance of choosing a red even? | 11..... | <input type="checkbox"/> |
| 12 How many reds must be removed from the bag to make the chance of choosing a blue certain? | 12..... | <input type="checkbox"/> |

Minimum mark

Circle grade

10	8	6	4	
A	B	C	D	E

12