



NA15 Decimal addition and subtraction

1 Add these decimals. Remember to keep all the places lined up.

a

$$\begin{array}{r} 4.5 \\ + 2.2 \\ \hline \end{array}$$

b

$$\begin{array}{r} 3.7 \\ + 1.2 \\ \hline \end{array}$$

c

$$\begin{array}{r} 5.6 \\ + 1.6 \\ \hline \end{array}$$

d

$$\begin{array}{r} 3.9 \\ + 2.3 \\ \hline \end{array}$$

e

$$\begin{array}{r} 25.1 \\ + 16.4 \\ \hline \end{array}$$

f

$$\begin{array}{r} 17.6 \\ + 14.5 \\ \hline \end{array}$$

g

$$\begin{array}{r} 34.12 \\ + 4.03 \\ \hline \end{array}$$

h

$$\begin{array}{r} 1.35 \\ + 1.70 \\ \hline \end{array}$$

i

$$\begin{array}{r} 5.09 \\ + 0.83 \\ \hline \end{array}$$

j

$$\begin{array}{r} 1.11 \\ + 7.09 \\ \hline \end{array}$$

2 Complete these subtractions, regrouping if needed.

a

$$\begin{array}{r} 47.8 \\ - 15.3 \\ \hline \end{array}$$

b

$$\begin{array}{r} 98.3 \\ - 17.1 \\ \hline \end{array}$$

c

$$\begin{array}{r} 45.9 \\ - 16.7 \\ \hline \end{array}$$

d

$$\begin{array}{r} 87.8 \\ - 19.4 \\ \hline \end{array}$$

e

$$\begin{array}{r} 78.1 \\ - 16.5 \\ \hline \end{array}$$

f

$$\begin{array}{r} 32.56 \\ - 11.43 \\ \hline \end{array}$$

g

$$\begin{array}{r} 89.87 \\ - 25.64 \\ \hline \end{array}$$

h

$$\begin{array}{r} 54.77 \\ - 35.36 \\ \hline \end{array}$$

i

$$\begin{array}{r} 61.89 \\ - 17.47 \\ \hline \end{array}$$

j

$$\begin{array}{r} 35.21 \\ - 14.19 \\ \hline \end{array}$$

3 These temperatures were recorded at Marble Bar in Western Australia. Work out the difference between the maximum and minimum temperatures for each day and write your answers in the table.

		Minimum (°C)	Maximum (°C)	Difference (°C)
Monday	March 21	25.3	34.8	
Tuesday	March 22	25.5	34.5	
Wednesday	March 23	26.4	36.9	
Thursday	March 24	26.9	36.6	
Friday	March 25	24.7	35.3	
Saturday	March 26	25.7	37.8	
Sunday	March 27	25.4	37.1	

4 Rain fell on three days during the week at Marble Bar –
 Monday 4.6 mm
 Tuesday 2.0 mm
 Thursday 0.4 mm.
 What's the total rainfall for the week?



NA15 Decimal addition and subtraction

- 1 Round the numbers to ones to find the estimate.
Then, write each sum vertically and calculate the answer.



You can check your answers
with a calculator.

a $4.26 + 2.438 + 0.12$

estimate

b $6.86 + 0.246 + 2.7$

estimate

c $22.684 + 1.36 + 0.004$

estimate

d $1.36 + 2.004 + 0.368$

estimate

e $26.214 - 3.87$

estimate

f $19.687 - 3.461$

estimate

g $20.104 - 3.64$

estimate

h $19.075 - 3.109$

estimate

i $31.462 - 1.9$

estimate

- 2 Calculate the total mass of these parcels:
0.5 kg, 3.6 kg,
1.05 kg.

- 3 Brad travels 1.23 km to school and his friend, Jay, walks 0.635 km. How much farther does Brad have to travel to school than Jay?



NA15 Decimal addition and subtraction

How to read your water meter

The black numbers represent kilolitres, while the grey numbers represent litres. One kilolitre is equal to 1000 litres. This meter shows 39 219.885 kilolitres.

3	9	2	1	9	8	8	5
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Water meters measure the amount of water used. To find out how water meters are read in your region, search your local authority's website.

1 I checked my water meter during the day to find out how much water I was using.

Start	After the washing	After the dishwasher	End
504.397	504.605	504.683	505.011

How much water was used for:

a the washing? b the dishwasher? c the rest of the day?

2 What was the total water usage for the day?

Checking for leaks using your water meter

3 How could you check if there is a leak on your property?

If you have safe access to your water meter, record in a table your water meter reading at the same time each day for a week. (Check with an adult first.)

a What is the daily usage in kilolitres?

b Is it the same each day? If not, explain the variation.

c What was your total usage for the week?

d How much would your household use in a year?

e Display the information in a spreadsheet. Add suitable graphs.

**NA15** Decimal addition and subtraction

1 Add these decimals. Remember to keep all the places lined up.

$$\begin{array}{r} \mathbf{a} \\ 4.5 \\ + 2.2 \\ \hline \boxed{6.7} \end{array}$$

$$\begin{array}{r} \mathbf{b} \\ 3.7 \\ + 1.2 \\ \hline \boxed{4.9} \end{array}$$

$$\begin{array}{r} \mathbf{c} \\ 5.6 \\ + 1.6 \\ \hline \boxed{7.2} \end{array}$$

$$\begin{array}{r} \mathbf{d} \\ 3.9 \\ + 2.3 \\ \hline \boxed{6.2} \end{array}$$

$$\begin{array}{r} \mathbf{e} \\ 25.1 \\ + 16.4 \\ \hline \boxed{41.5} \end{array}$$

$$\begin{array}{r} \mathbf{f} \\ 17.6 \\ + 14.5 \\ \hline \boxed{32.1} \end{array}$$

$$\begin{array}{r} \mathbf{g} \\ 34.12 \\ + 4.03 \\ \hline \boxed{38.15} \end{array}$$

$$\begin{array}{r} \mathbf{h} \\ 1.35 \\ + 1.70 \\ \hline \boxed{3.05} \end{array}$$

$$\begin{array}{r} \mathbf{i} \\ 5.09 \\ + 0.83 \\ \hline \boxed{5.92} \end{array}$$

$$\begin{array}{r} \mathbf{j} \\ 1.11 \\ + 7.09 \\ \hline \boxed{8.20} \end{array}$$

2 Complete these subtractions, regrouping if needed.

$$\begin{array}{r} \mathbf{a} \\ 47.8 \\ - 15.3 \\ \hline \boxed{32.5} \end{array}$$

$$\begin{array}{r} \mathbf{b} \\ 98.3 \\ - 17.1 \\ \hline \boxed{81.2} \end{array}$$

$$\begin{array}{r} \mathbf{c} \\ 45.9 \\ - 16.7 \\ \hline \boxed{29.2} \end{array}$$

$$\begin{array}{r} \mathbf{d} \\ 87.8 \\ - 19.4 \\ \hline \boxed{68.4} \end{array}$$

$$\begin{array}{r} \mathbf{e} \\ 78.1 \\ - 16.5 \\ \hline \boxed{61.6} \end{array}$$

$$\begin{array}{r} \mathbf{f} \\ 32.56 \\ - 11.43 \\ \hline \boxed{21.13} \end{array}$$

$$\begin{array}{r} \mathbf{g} \\ 89.87 \\ - 25.64 \\ \hline \boxed{64.23} \end{array}$$

$$\begin{array}{r} \mathbf{h} \\ 54.77 \\ - 35.36 \\ \hline \boxed{19.41} \end{array}$$

$$\begin{array}{r} \mathbf{i} \\ 61.89 \\ - 17.47 \\ \hline \boxed{44.42} \end{array}$$

$$\begin{array}{r} \mathbf{j} \\ 35.21 \\ - 14.19 \\ \hline \boxed{21.02} \end{array}$$

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		Minimum (°C)	Maximum (°C)	Difference (°C)
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Tuesday	March 22	25.5	34.5	9
Wednesday	March 23	26.4	36.9	10.5
Thursday	March 24	26.9	36.6	9.7
Friday	March 25	24.7	35.3	10.6
Saturday	March 26	25.7	37.8	12.1
Sunday	March 27	25.4	37.1	11.7

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 Tuesday 2.0 mm
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 What's the total rainfall for the week?

7 mm



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TEACHER TO CHECK

If you have safe access to your water meter, record in a table your water meter reading at the same time each day for a week. (Check with an adult first.)

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