

TARGET To add decimals with different numbers of decimal places.

Line up the decimal points when setting out.

Example

Add 18.75 and 6.925.

$$\begin{array}{r} 18.75 \\ + 6.925 \\ \hline 25.675 \\ \hline \end{array}$$

A

Copy and complete.

1 $546.1 + 23.6$ 7 $56.77 + 23.46$

2 $192.7 + 56.8$ 8 $71.83 + 27.18$

3 $432.9 + 126.3$ 9 $3.947 + 1.759$

4 $764.8 + 219.2$ 10 $6.574 + 4.957$

5 $35.63 + 34.39$ 11 $8.946 + 1.645$

6 $28.56 + 15.48$ 12 $4.758 + 3.369$

13 Fiona buys a dress for £86.49 and shoes for £27.75. How much does she spend altogether?

14 Mary's car has a mileage of 926.5 miles at the start of May. During the month she drives 487.6 miles. What is the car's mileage at the end of May?

B

Set out as in the examples.

1 $35.9 + 8.314$

2 $4.275 + 146.8$

3 $23.76 + 4.645$

4 $658.7 + 61.59$

5 $19.943 + 26.37$

6 $159.6 + 97.82$

7 $6.744 + 783.9$

8 $579.63 + 8.157$

9 $498.5 + 92.91$

10 $96.475 + 43.86$

11 $79.359 + 555.7$

12 $134.794 + 25.78$

13 In an endurance event competitors cycle 52.38 km and run 18.675 km. What is the total length of the course?

14 A mineshaft is 638.7 m deep. The miners drill down a further 47.55 m. How deep is the shaft now?



C

Set out correctly and work out.

1 $297.56 + 17.9 + 28.643$ 6 $8.764 + 41.97 + 157.8$

2 $14.238 + 268.6 + 5.948$ 7 $129.75 + 0.385 + 36.59$

3 $17.57 + 125.8 + 2.944$ 8 $186.3 + 54.842 + 348.47$

4 $148.66 + 26.9 + 9.783$ 9 $231.36 + 89.677 + 4.599$

5 $24.638 + 3.247 + 616.57$ 10 $27.745 + 6.558 + 318.96$

11 Grant buys 3.428 kg of potatoes, 1.29 kg of carrots and 0.375 kg of onions. What is the total weight of his shopping?

12 A dairy produces 87.5 litres of milk on Monday, 117.225 litres on Tuesday and 93.75 litres on Wednesday. How much milk is produced in the three days altogether?