

Name: \_\_\_\_\_

## 4 OPERATIONS IN REAL-LIFE SCENARIOS



Use your knowledge of the 4 operations skills to solve these real-world problems.

Remember to **read carefully** and decide whether to **add, subtract, multiply or divide!**

- 1) Emma bought 4 apples for 65p each. She paid with a £5 note. How much change did she receive?

$$65+65+65+65=260p=\pounds 2.60$$

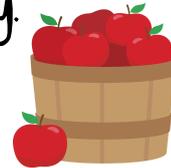
or

$$65 \times 4 = 260p = \pounds 2.60$$

$$\begin{array}{r} 4 \text{ } 5.00 \\ - 2.60 \\ \hline 2.40 \end{array}$$

need 2p for money.

£2.40



- 2) A train journey starts at 10:45 AM and ends at 11:35 AM. How long does the journey take?

$$10:45 \xrightarrow{+15} 11:00 \xrightarrow{+35} 11:35$$

$$15 + 35 = \underline{50 \text{ mins}}$$



- 3) Tom had £20 in his wallet. He spent £8.50 on a book and 75p on a bookmark. How much does he have left?

$$75p = \pounds 0.75$$

$$\begin{array}{r} 8.50 \\ + 0.75 \\ \hline 9.25 \end{array}$$
$$\begin{array}{r} 20.00 \\ - 9.25 \\ \hline 10.75 \end{array}$$

£10.75



- 4) A cyclist travels 12.8 km in the morning and 8.4 km in the afternoon.

- a) How far does the cyclist travel in total?

$$\begin{array}{r} 12.8 \\ + 8.4 \\ \hline 21.2 \end{array}$$

21.2 km

- b) The next day, they travel 6.5 km more than the total from the first day. How far do they travel on the second day?

$$\begin{array}{r} 21.2 \\ + 6.5 \\ \hline 27.7 \end{array}$$

27.7 km



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- 5) A recipe for 1 batch of cupcakes uses 225 grams of flour. If you want to make 3 batches, how much flour do you need?

$$\begin{array}{r} 225 \\ 225 \\ + 225 \\ \hline 675 \end{array}$$

$$\text{or } \begin{array}{r} 225 \\ \times 3 \\ \hline 675 \end{array}$$

Ans 675g



- 6) A family spends £325 on flights and £275 on hotels. They have a total budget of £800 for their holiday. How much money do they have left after paying for flights and hotels?

$$\begin{array}{r} 325 \\ + 275 \\ \hline 600 \end{array}$$

$$800 - 600 = \underline{\underline{£200}}$$



- 6) A car park charges £2.50 per hour. If a car is parked for 3 hours and 30 minutes, how much does it cost?

$$\begin{array}{r} 2.50 \\ 2.50 \\ 2.50 \\ + 1.25 \\ \hline 8.75 \end{array}$$

2.50 ÷ 2  
as  
30 mins = 1/2 hr

$$\begin{array}{r} 2.50 \\ \times 1.5 \\ \hline 7.50 \end{array} + 1.25 = 8.75$$

£8.75



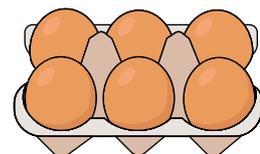
- 6) A farmer collects 350 eggs in the first week and 275 eggs in the second week. They receive an order to sell 500 eggs.

Do they have enough eggs to complete the order? If so, how many will they have left?

$$\begin{array}{r} 350 \\ + 275 \\ \hline 625 \end{array}$$

625 eggs total

$$\begin{array}{r} 625 \\ - 500 \\ \hline 125 \end{array}$$



125 eggs left