



Sorting and Solving Word Problems

I can decide which operation to use and explain why.



Answer the questions and circle which operation you used to complete the calculation.

- 1) I want to drive to Europe's largest sweet store which is 1535 miles away. I drive 249 miles and stop at the services for a cup of coffee. How many more miles do I have to drive?

_____ + - × ÷

- 2) I travelled 2100 metres in 600 seconds. On average, how many metres did I travel per second?

_____ + - × ÷

- 3) I think of a number. If I divide it by eight, the answer is 448. What was my starting number?

_____ + - × ÷

- 4) Magritte travelled 1134km by bus, 6394km by train and 732km by foot. What is the total distance Magritte has travelled?

_____ + - × ÷

- 5) Kevin rides 0.3km to school each day. How many kilometres will Kevin cycle in 32 school days?

_____ + - × ÷

- 6) A 1kg bag of sweets costs £15.98 and a jar of sweets costs £4.59 less. How much does the jar of sweets cost?

_____ + - × ÷

- 7) Small Fish £2.58
Large Fish £3.05
Chips: £1.54
Carton of Peas: £0.54
How much would it cost for one small fish, one large fish, two portions of chips and a carton of peas?

_____ + - × ÷





- 8) A doughnut store uses 29.2 kilograms of sugar each hour. How many kilograms of sugar will the store use in four hours?

_____ + - × ÷

- 9) I paid £2 for a bag of sweets. There are 25 sweets in the bag. How much did one sweet cost?

_____ + - × ÷

- 10) Kayla buys a magazine priced £7.59, a chocolate bar priced £3.55 and a drink priced £1.67. How much do the items cost altogether?

_____ + - × ÷

- 11) Maddie had 435 grams of chocolate fudge. Tariq had 238 grams of mint fudge. How many more grams of fudge did Maddie have than Tariq?

_____ + - × ÷

- 12) A boat travelled at a constant speed for four hours, covering a distance of 3134km. How far did the boat travel in one hour?

_____ + - × ÷



Sorting and Solving Word Problems **Answers**

Question	Answer
1. I want to drive to Europe's largest sweet store which is 1535 miles away. I drive 249 miles and stop at the services for a cup of coffee. How many more miles do I have to drive?	1286 miles + $(-)$ \times \div
2. I travelled 2100 metres in 600 seconds. On average, how many metres did I travel per second?	3.5m/s + $-$ \times (\div)
3. I think of a number. If I divide it by eight, the answer is 448. What was my starting number?	3584 + $-$ (\times) \div
4. Magritte travelled 1134km by bus, 6394km by train and 732km by foot. What is the total distance Magritte has travelled?	8260km $(+)$ $-$ \times \div
5. Kevin rides 0.3km to school each day. How many kilometres will Kevin cycle in 32 school days?	9.6km + $-$ (\times) \div
6. A 1kg bag of sweets costs £15.98 and a jar of sweets costs £4.59 less. How much does the jar of sweets cost?	£11.39 + $(-)$ \times \div
7. Small Fish £2.58 Large Fish £3.05 Chips: £1.54 Carton of Peas: £0.54 How much would it cost for one small fish, one large fish, two portions of chips and a carton of peas?	£9.25 $(+)$ $-$ \times \div

8. A doughnut store uses 29.2 kilograms of sugar each hour. How many kilograms of sugar will the store use in four hours?	116.8kg + $-$ (\times) \div
9. I paid £2 for a bag of sweets. There are 25 sweets in the bag. How much did one sweet cost?	8p + $-$ \times (\div)
10. Kayla buys a magazine priced £7.59, a chocolate bar priced £3.55 and a drink priced £1.67. How much do the items cost altogether?	£12.81 $(+)$ $-$ \times \div
11. Maddie had 435 grams of chocolate fudge. Tariq had 238 grams of mint fudge. How many more grams of fudge did Maddie have than Tariq?	197g + $(-)$ \times \div
12. A boat travelled at a constant speed for four hours, covering a distance of 3134km. How far did the boat travel in one hour?	783.5km + $-$ \times (\div)

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Answer the questions and circle which operations you used to complete the calculation.

- 1) On Sunday, I spend 114 minutes on my art project, and 45 minutes on my numeracy homework. On Thursday evening, I spent a total of 111 minutes on my homework. What is the difference between the time I spend doing homework on Sunday and Thursday evening?

_____ + - × ÷

- 2) I got £48.50 for my birthday. I spent £8.67 on Saturday and £19.49 on Sunday. How much spending money have I got left?

_____ + - × ÷

- 3) Raj buys 25 cupcakes priced £2.40 each and a chocolate cake priced £5.50. How much did he spend altogether?

_____ + - × ÷

- 4) Kumar has 313 football stickers and 187 rugby stickers. He shares them equally amongst ten people. How many stickers did each person receive?

_____ + - × ÷

- 5) Helena has £50. She buys eight CDs priced £4.65 each. How much money will she have left?

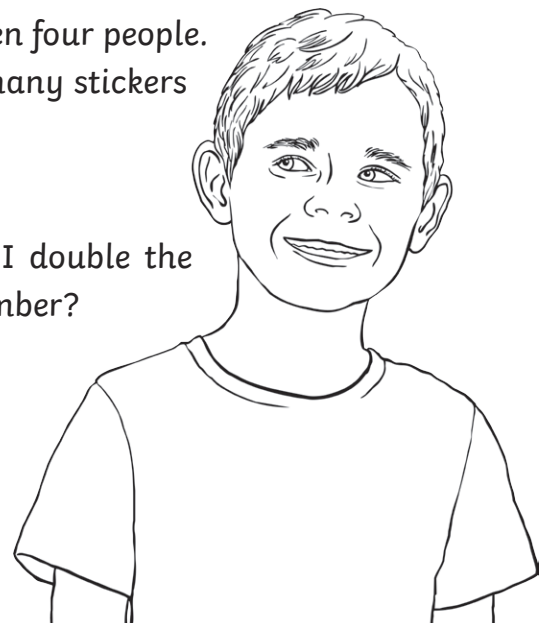
_____ + - × ÷

- 6) Mabel has 360 stickers. She shares them equally between four people. Out of her share, she gives her sister 54 stickers. How many stickers does she have remaining?

_____ + - × ÷

- 7) I think of a number. I multiply it by eight and then I double the answer. The answer is 200. What was my starting number?

_____ + - × ÷





Sorting and Solving Word Problems **Answers**

Question	Answer
1. On Sunday, I spend 114 minutes on my art project, and 45 minutes on my numeracy homework. On Thursday evening, I spent a total of 111 minutes on my homework. What is the difference between the time I spend doing homework on Sunday and Thursday evening?	48 minutes $(+) (-) \times \div$
2. I got £48.50 for my birthday. I spent £8.67 on Saturday and £19.49 on Sunday. How much spending money have I got left?	£20.34 $(+) (-) \times \div$
3. Raj buys 25 cupcakes priced £2.40 each and a chocolate cake priced £5.50. How much did he spend altogether?	£65.50 $(+) - (\times) \div$
4. Kumar has 313 football stickers and 187 rugby stickers. He shares them equally amongst ten people. How many stickers did each person receive?	50 stickers $(+) - \times (\div)$
5. Helena has £50. She buys eight CDs priced £4.65 each. How much money will she have left?	£12.80 $(+) (-) (\times) \div$
6. Mabel has 360 stickers. She shares them equally between four people. Out of her share, she gives her sister 54 stickers. How many stickers does she have remaining?	36 stickers $(+) (-) \times (\div)$
7. I think of a number. I multiply it by eight and then I double the answer. The answer is 200. What was my starting number?	12.5 $(+) (-) (\times) \div$



Sorting and Solving Word Problems

I can decide which operation to use and explain why.



Answer the questions and circle which operations you used to complete the calculation.

- 1) On Sunday, I spend 439 minutes painting a portrait and 136 minutes painting a landscape. On Thursday evening, I spent a total of 523 minutes painting. What is the difference between the time I spend painting on Sunday and Thursday evening?
_____ + - × ÷
- 2) I got £293 for my birthday. I spent £54.38 on Saturday and £138.87 on Sunday. How much spending money have I got left?
_____ + - × ÷
- 3) Raj buys 25 cupcakes priced £3.69 each and a chocolate cake priced £8.70. How much did he spend altogether?
_____ + - × ÷
- 4) Sarah completed her marathon raising £551.20. She shares her raised money between her four chosen charities. Her mum insisted on giving £43 to each chosen charity as well. How much did each charity receive?
_____ + - × ÷
- 5) Lex has £95.27. He wants to buy eight DVDs priced £8.67 each. How much money will he have left?
_____ + - × ÷
- 6) I think of a number. I multiply the number by 100 then add 3.9. My answer is 7.85. What was my starting number?
_____ + - × ÷
- 7) Each table in a classroom is 100cm long and 50cm wide. There are 16 tables in a classroom. What is the total area of the tables in the classroom in square metres?
_____ + - × ÷
- 8) Ruby has 1.096l of juice. He shares it equally between eight cups. His sister drinks two cups. How much juice does he have remaining?
_____ + - × ÷



Sorting and Solving Word Problems **Answers**

Question	Answer
1. On Sunday, I spend 439 minutes painting a portrait and 136 minutes painting a landscape. On Thursday evening, I spent a total of 523 minutes painting. What is the difference between the time I spend painting on Sunday and Thursday evening?	52 minutes $(+) (-) \times \div$
2. I got £293 for my birthday. I spent £54.38 on Saturday and £138.87 on Sunday. How much spending money have I got left?	£99.75 $(+) (-) \times \div$
3. Raj buys 25 cupcakes priced £3.69 each and a chocolate cake priced £8.70. How much did he spend altogether?	£100.95 $(+) - (\times) \div$
4. Sarah completed her marathon raising £551.20. She shares her raised money between her four chosen charities. Her mum insisted on giving £43 to each chosen charity as well. How much did each charity receive?	£180.80 $(+) - \times (\div)$
5. Lex has £95.27. He wants to buy eight DVDs priced £8.67 each. How much money will he have left?	£25.91 $+$ $(-)(\times) \div$
6. I think of a number. I multiply the number by 100 then add 3.9. My answer is 7.85. What was my starting number?	0.0395 $+$ $(-) \times (\div)$
7. Each table in a classroom is 100cm long and 50cm wide. There are 16 tables in a classroom. What is the total area of the tables in the classroom in square metres?	8 square metres $+$ $- (\times) \div$
8. Ruby has 1.096l of juice. He shares it equally between eight cups. His sister drinks two cups. How much juice does he have remaining?	822 millilitres or 0.822l $+$ $- (\times) (\div)$