

Writing a question — an example

You write each question **once**, with its answer right beside it. From that one source, the book makes the pupil's book, the teacher's book, and the answer key — automatically, so they can never disagree. Here is one of your own questions (Place Value, Questions B).

👉 What you write (once)

```
question([Given $8.57 times 2.1 = 17.997$, find:], parts: (  
  part($857 times 2.1$, answer: [1799.7]),  
  part($85.7 times 21$, answer: [1799.7]),  
  part($17.997 div 21$, answer: [0.857]),  
))
```

(times is the \times sign, div is the \div sign, and \$... \$ just means “this bit is maths”. Each part holds one piece of the question and its answer together.)

📖 What the book makes from it

① PUPIL'S BOOK

Questions B

Find the answers by comparing them with the original calculation.

1. Given $8.57 \times 2.1 = 17.997$, find: (a) 857×2.1 , (b) 85.7×21 ,
(c) $17.997 \div 21$

② TEACHER'S BOOK — SAME QUESTION, ANSWERS SHOWN

Questions B

Find the answers by comparing them with the original calculation.

1. Given $8.57 \times 2.1 = 17.997$, find: (a) 857×2.1 , (b) 85.7×21 ,
(c) $17.997 \div 21$
Answer: (a) 1799.7 (b) 1799.7 (c) 0.857

③ ANSWER KEY — GATHERED AUTOMATICALLY FROM EVERY QUESTION

Place Value · Questions B

1. (a) 1799.7 (b) 1799.7 (c) 0.857

Change the question or the answer in **one** place, and all three update together.