

Task A

Order these calculations smallest to largest product:

 $7 \times 5 =$

- $8 \times 4 = 6 \times 6 = 5 \times 8 =$

I think of two numbers. When I multiply my numbers together I get 24. When I add my numbers I get less than 12. What could my numbers be?

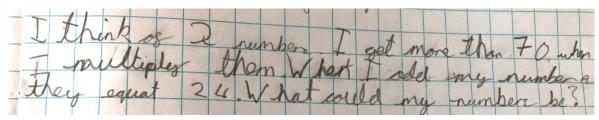
Task B

Order these calculations smallest to largest product:

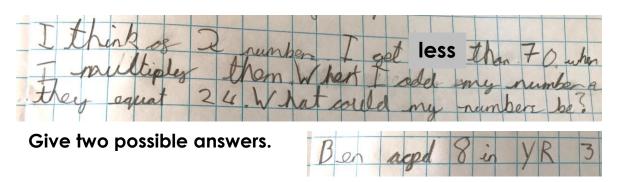
| 12 × 10 = | 14 × 8 = |]] ×]] = | 9 × 14 = |
|-----------|----------|-----------|----------|
| | | | / 11 |

I think of two numbers. When I multiply my numbers together I get 60. When I add my numbers I get more than 16. What could my numbers be?

Extend



Give two possible answers.



MULTIPLICATION, PRODUCTS AND SUMS



Answers

 Task A: Smallest to largest: $8 \times 4 = 32$ $7 \times 5 = 35$ $6 \times 6 = 36$ $5 \times 8 = 40$

 Possible numbers: 8 and 3
 6 and 4

 Task B: Smallest to largest: $14 \times 8 = 112$ $12 \times 10 = 120$ $11 \times 11 = 121$
 $9 \times 14 = 126$ Possible numbers: 12 and 5
 15 and 4
 20 and 3
 30 and 2
 60 and 1

 Extend: Part 1: 12×12 down to 20×4 Part 2: 23×1 or 22×2 or 21×3