**Task A**

Order these calculations smallest to largest product:

\[
7 \times 5 = \quad 8 \times 4 = \quad 6 \times 6 = \quad 5 \times 8 =
\]

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:

\[
12 \times 10 = \quad 14 \times 8 = \quad 11 \times 11 = \quad 9 \times 14 =
\]

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.

Give two possible answers.
Answers

Task A: Smallest to largest: $8 \times 4 = 32 \quad 7 \times 5 = 35 \quad 6 \times 6 = 36 \quad 5 \times 8 = 40$
Possible numbers: 8 and 3  6 and 4

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

Extend: Part 1: $12 \times 12$ down to $20 \times 4$  Part 2: $23 \times 1$ or $22 \times 2$ or $21 \times 3$