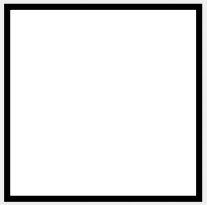
Introduction

Compare the calculations using >, < or =.

	4	3	2
x		1	7



	6	1	3
x		1	2

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Introduction

Compare the calculations using >, < or =.

	4	3	2
x		1	7
3	0 (2)	2 (1)	4
4	3	2	0
7	3	4	4

<

	6	1	3
x		1	2
1	2	2	6
6	1	3	0
7	3	5	6

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Varied Fluency 1

Solve the calculation using a formal multiplication method.

		5	1	1	3
x				2	7

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Varied Fluency 1

Solve the calculation using a formal multiplication method.

		5	1	1	3
x				2	7
	3	5	7	9 (2)	1
1	0	2	2	6	0
1	3	8	0	5	1
		1	1		

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Varied Fluency 2

Match the calculations to the correct answers.

3,611 x 13	96,596
3,116 x 31	66,381
3,616 x 12	43,392
3,161 x 21	46,943

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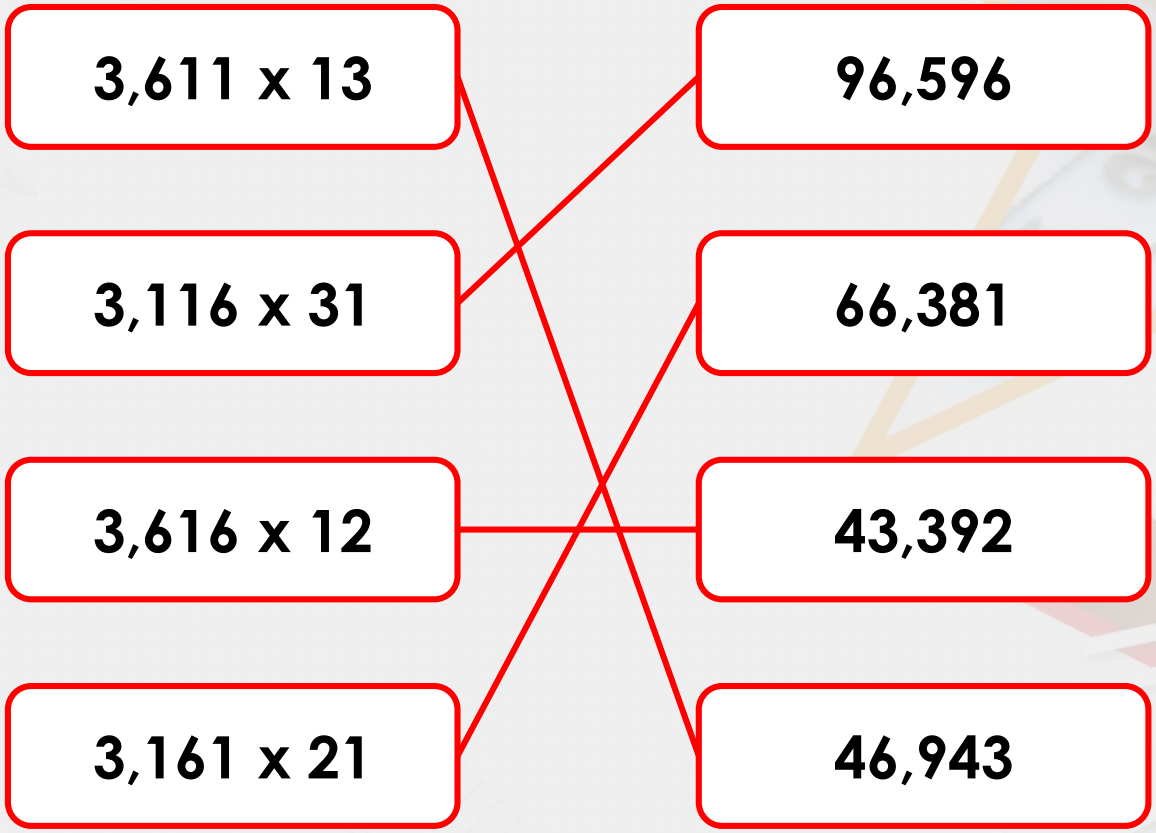
Varied Fluency 2

Match the calculations to the correct answers.



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Varied Fluency 3

True or false?

$$5{,}113 \times 14 \quad > \quad 3{,}115 \times 23$$

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Varied Fluency 3

True or false?

$$5{,}113 \times 14 \quad > \quad 3{,}115 \times 23$$

False, 5,113 x 14 = 71,582 and 3,115 x 23 = 71,645 so 5,113 x 14 < 3,115 x 23.

NOW COMPLETE THE VARIED FLUENCY ACTIVITY, CHOOSING EITHER DEVELOPING, EXPECTED OR GREATER DEPTH.

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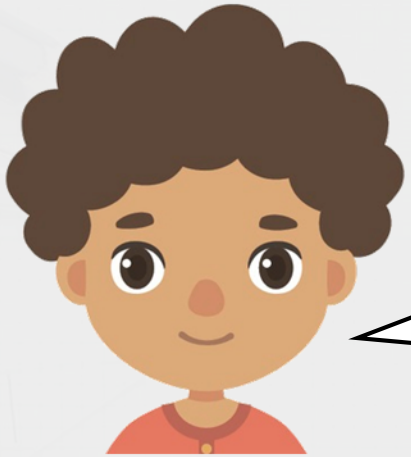
Problem Solving 1

Mason is thinking of a number. He gives the following clues:



It is an odd 5-digit number.
It is the result of multiplying a 4-digit number by 31.
The 4-digit number has a digit sum of 5.

What is the smallest number Mason could be thinking of?

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Problem Solving 1

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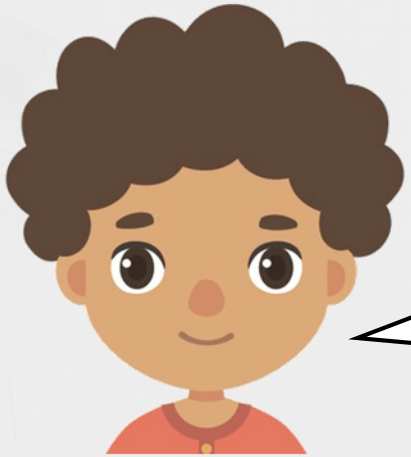

It is an odd 5-digit number.
It is the result of multiplying a 4-digit number by 31.
The 4-digit number has a digit sum of 5.

What is the smallest number Mason could be thinking of?

The smallest number Mason could be thinking of is 1,013.
1,013 x 51 = 51,663 so Mason's 5-digit number is 51,663.

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Problem Solving 2

Use two of these digit cards to create a multiplication equal to approximately 99,000.

4,312 x _____

2	3	6	8

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Problem Solving 2

Use two of these digit cards to create a multiplication equal to approximately 99,000.

4,312 x _____

2	3	6	8

4,312 x 23 = 99,176

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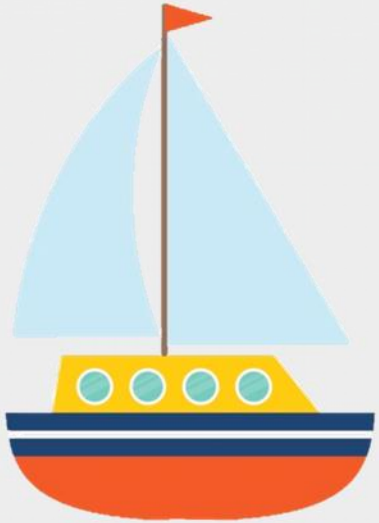
Reasoning 1

A boat costs £7,015.

12 people buy a boat each. The boat sales person says the total cost is £84,280.



Is he correct? Explain your answer.

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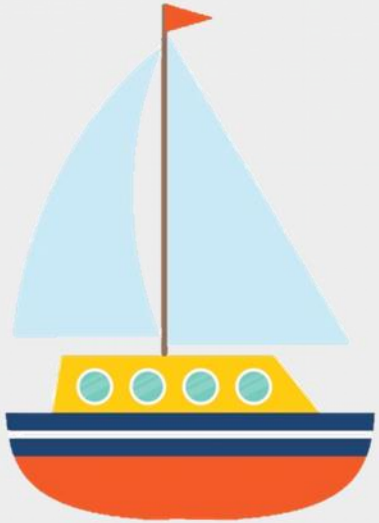

Is he correct? Explain your answer.

No, he is not correct because…

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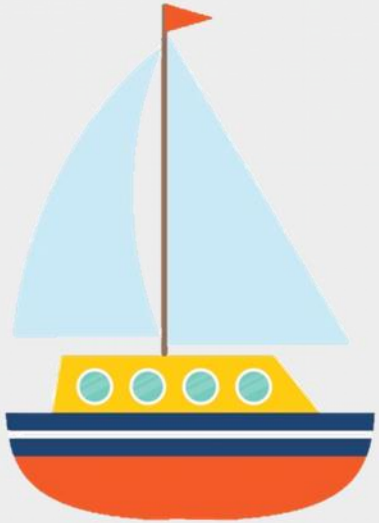

Is he correct? Explain your answer.

No, he is not correct because £84,280 x 12 = £84,180.

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NOW COMPLETE REASONING + PROBLEM SOLVING ACTIVITY, CHOOSING EITHER DEVELOPING, EXPECTED OR GREATER DEPTH.

IF YOU HAVE TIME, COMPLETE THE HOMEWORK/EXTENSION ACTIVITY, CHOOSING EITHER DEVELOPING, EXPECTED OR GREATER DEPTH.

DON'T FORGET TO MARK YOUR ANSWERS!

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