Introduction

Complete the calculation.

	40	0
30		
2		

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Introduction

Complete the calculation.

	40	0
30	100 100 100 100 100 100 100 100 100 100 100 100	
2	10 10 10 10 10 10 10 10	

40 x 32 = 1,280

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Varied Fluency 1

Complete the statement below.

15 x 38 ☐ 13 x 42

x				

x				

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Varied Fluency 1

Complete the statement below.

15 x 38 **>** 13 x 42

			3	8
x			1	5
		1	9_4	0
		3	8	0
		5	7	0
		1		

(5 x 38)

(10 x 38)

			4	2
x			1	3
		1	2	6
		4	2	0
		5	4	6

(3 x 42)

(10 x 42)

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Varied Fluency 2

True or false? 46 x 25 = 943

			4	6	
x			2	5	
		2	3_{3}	0	(5 x 46)
		8	2	0	(20 x 46)
	1	0	5	0	
	1				

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Varied Fluency 2

True or false? 46 x 25 = 943

			4	6	
x			2	5	
		2	3_{3}	0	(5 x 46)
		9_{1}	2	0	(20 x 46)
	1	1	5	0	
	1				

False. 46 x 25 = 1,150

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Varied Fluency 3

Complete the calculation.

			3	8
x			3	7

(7 x 38)

(30 x 38)

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Varied Fluency 3

Complete the calculation.

			3	8
x			3	7
		2	6_{5}	6
	1	1_{2}	4	0
	1	4	0	6
		1		

(7 x 38)

(30 x 38)

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

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Problem Solving 1

Multiply 2 digits by 2 digits using the cards below to create an even number.

x				

4	8	2	1

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Multiply 2 digits by 2 digits using the cards below to create an even number.

Various answers, for example:

			2	8
x			4	1
			2	8
	1	1 (3)	2	0
	1	1	4	8

			4	8
x			2	1
			4	8
		9 (1)	6	0
	1	0	0	8
		1		

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Problem Solving 2

Kamren is thinking of a number...

I multiply the number by 25. The answer is odd and is greater than 500 but smaller than 600.

What could Kamren's number be?
Find all the possibilities.

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Problem Solving 2

Kamren is thinking of a number...

I multiply the number by 25. The answer is odd and is greater than 500 but smaller than 600.

What could Kamren's number be?
Find all the possibilities.

21 or 23

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Reasoning 1

Gideon solves the following multiplication.

			4	6
x			2	5
		2	3_{3}	0
		8	1	2
	1	0	4	2

Is he correct? Explain why.

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Reasoning 1

Gideon solves the following multiplication.

			4	6
x			2	5
		2	3_{3}	0
		8	1	2
	1	0	4	2

Is he correct? Explain why.
No, Gideon is not correct because…

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Reasoning 1

Gideon solves the following multiplication.

			4	6
x			2	5
		2	3_{3}	0
		9_{1}	2	0
	1	1	5	0
	1			

Is he correct? Explain your answer.

No, Gideon is not correct because 6 x 20 = 120 and he has recorded it as 12, forgetting to enter 0 in the ones column. The answer should be 1,150.

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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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