

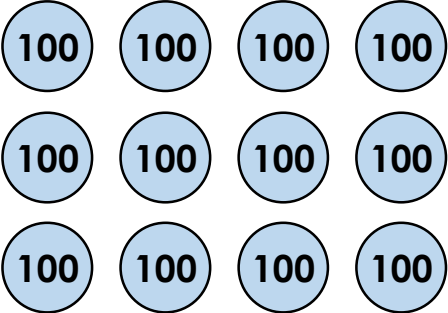
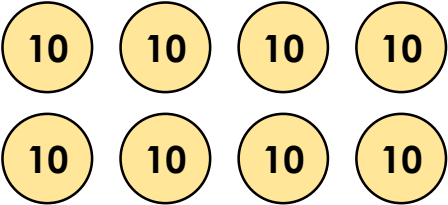
## Introduction

Complete the calculation.

	40	0
30		
2		

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Complete the calculation.

	40	0
30		
2		

$$40 \times 32 = 1,280$$

## Varied Fluency 1

Complete the statement below.

15 x 38

13 x 42

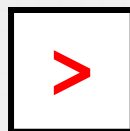
x				
<hr/>				
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x				
<hr/>				
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## Varied Fluency 1

Complete the statement below.

$15 \times 38$



$13 \times 42$

			3	8
x			1	5
		1	9 <sub>4</sub>	0
		3	8	0
		5	7	0
		1		

$(5 \times 38)$

$(10 \times 38)$

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

$(3 \times 42)$

$(10 \times 42)$

## Varied Fluency 2

True or false?  $46 \times 25 = 943$

			4	6
x			2	5
		2	3 <sub>3</sub>	0
		8	2	0
	1	0	5	0
	1			

(5 x 46)

(20 x 46)



## Varied Fluency 2

True or false?  $46 \times 25 = 943$

			4	6
x			2	5
		2	3 <sub>3</sub>	0
		9 <sub>1</sub>	2	0
	1	1	5	0
	1			

(5 x 46)

(20 x 46)

**False.  $46 \times 25 = 1,150$**

## Varied Fluency 3

Complete the calculation.

			3	8
x			3	7

(7 x 38)

(30 x 38)

## Varied Fluency 3

Complete the calculation.

			3	8	
x			3	7	
		2	6 <sub>5</sub>	6	(7 x 38)
	1	1 <sub>2</sub>	4	0	(30 x 38)
	1	4	0	6	
		1			

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



## Problem Solving 1

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

x				

**4**

**8**

**2**

**1**

## Problem Solving 1

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

**Various answers, for example:**

			2	8
x			4	1
<hr/>				
			2	8
	1	1	2	0
<hr/>				
	1	1	4	8
<hr/>				

			4	8
x			2	1
<hr/>				
			4	8
		9	6	0
<hr/>				
	1	0	0	8
<hr/>				
		1		

## 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.**

## 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**



## Reasoning 1

Gideon solves the following multiplication.



			4	6
x			2	5
		2	3 <sub>3</sub>	0
		8	1	2
	1	0	4	2

Is he correct? Explain why.



## Reasoning 1

Gideon solves the following multiplication.



			4	6
x			2	5
		2	3 <sub>3</sub>	0
		8	1	2
	1	0	4	2

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

## Reasoning 1

Gideon solves the following multiplication.



			4	6
x			2	5
		2	3 <sub>3</sub>	0
		9 <sub>1</sub>	2	0
	1	1	5	0
	1			

Is he correct? Explain your answer.

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

**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!**