Name _____ Date _____

Grade 5 Summer Math Packet

Directions: Complete the following scrambled multiplication charts.

(Rationale: 4.OA.3a Fluently know multiplication facts and related division facts through 12 x 12)

A

×										
		49					63			
			54		72					
	24						72		56	
				90				20		60
		56				32				
			12				18		14	
	18				48	24				
		28		36				8		
	9					12				18
			54					18		

B

×										
		28						4		
				56				7		
	9				4					3
			12				42			
		21			12					
	45		10				35			
				72		90				
		70								30
					8					
							56			

C

×										
		54					36			
						18				24
			49					63		
				72	8				56	
	48							54		
		12		18		12				16
			63			54				
		42			7				49	
							32	72		
	32				4				28	

D

×										
		80			16					
			48					36		
	49					63				
				54					81	
		40					12			
					12					48
			16					12		
	63					81				
				48					72	
							21			56

Directions: Complete the following table using your place value knowledge.

(Rationale: 4.NBT.1,2,3) Generalize place value understanding for multi-digit whole numbers less than or equal to one million.

The digit 5 in the number 3<u>5</u>4,290 is _____ times _____ than the digit 5 in the number 1<u>5</u>,007.	What is the name of the house or period that is to the left of the ones house? _____	What is the value of the underlined digit? 42,<u>3</u>07 _____	Write the number in standard form: 3 ten thousands, five hundreds, 3 ones. _____
Use < or > or = to compare. 34,789 34,800	What is the value of the underlined digit? <u>9</u>2,846 _____	Write the number in expanded form. 862,009	The digit 3 in the number 754,<u>3</u>90 is _____ times _____ than the digit 3 in the number 1<u>3</u>,867.
Write the number in standard form: One hundred thirteen thousand, six hundred seven. _____	Write this number in word form. 47,026. _____ _____ _____	Use < or > or = to compare. 143,206 99,999	What is the value of the underlined digit? 1,<u>2</u>53,667 _____
What is the value of the underlined digit? 804,1<u>1</u>9 _____	Use < or > or = to compare. 20,169 20,087	The digit 2 in the number 354,<u>2</u>90 is _____ times greater than the digit 2 in the number 15,47<u>2</u>.	Write the number in expanded form. 204,173

Directions: Fill in the missing digits to make the equation true.

Rationale: 4.NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.

Ex.

1. 19, 781
+ 19, 001
38, 782

2. 3 , 091
+ 21, 03
3, 99

3. 75, 3
− 6, 660
4 , 571

4. 63, 1 9
− 18, 9
, 031

5. 0, 0 5
+ 2 , 173
43, 4

6. 8 , 5 2
− 44, 031
4, 4

7. 1 , 8
+ 30, 99
3, 881

8. 9 , 46
− 9, 06
80, 3 6

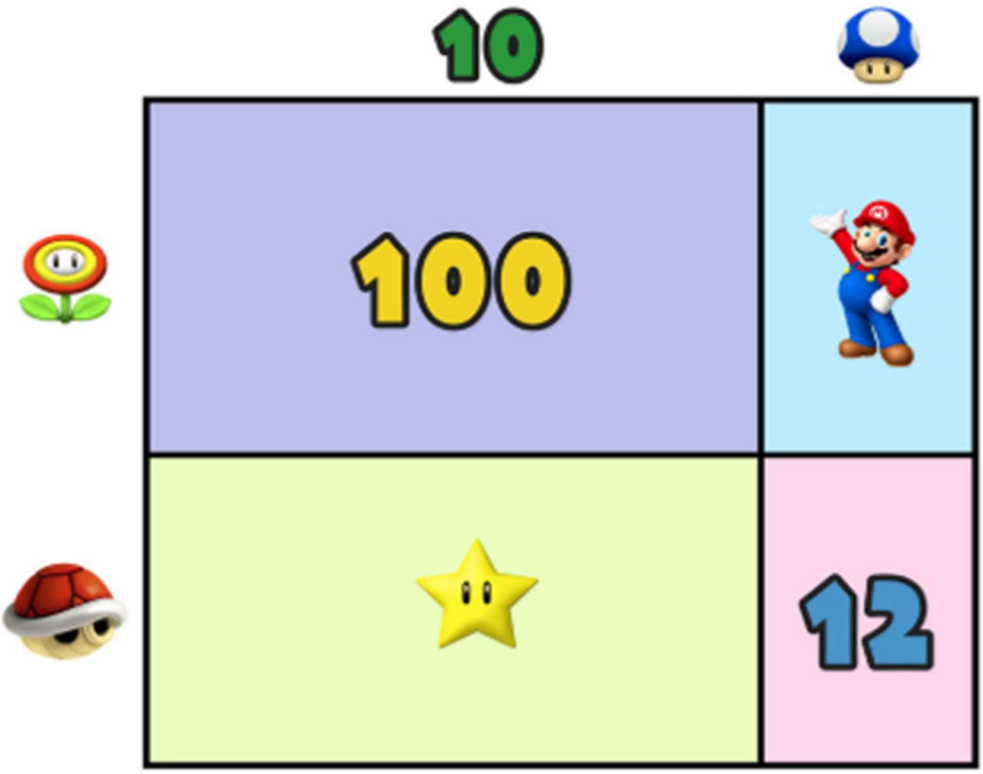
9. 34, 8 2
+ 91, 39
2 , 91

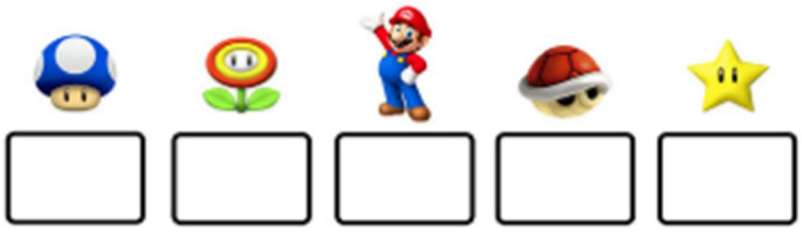
Directions: Complete the following multiplication problems by figuring out the value of each icon to successfully reach the product given.

Rationale: 4.NBT.5, 6 – Multiply whole numbers up to four digit by one digit using place value understanding.

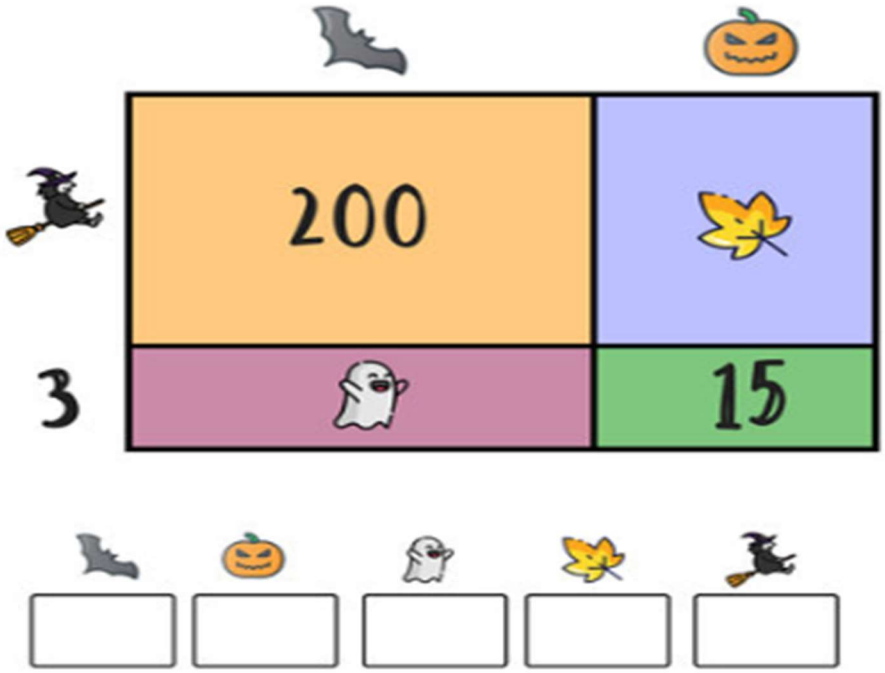
SUPER MARIO MATH CHALLENGE

The area model below represents the value 182.
Find the value of each icon.

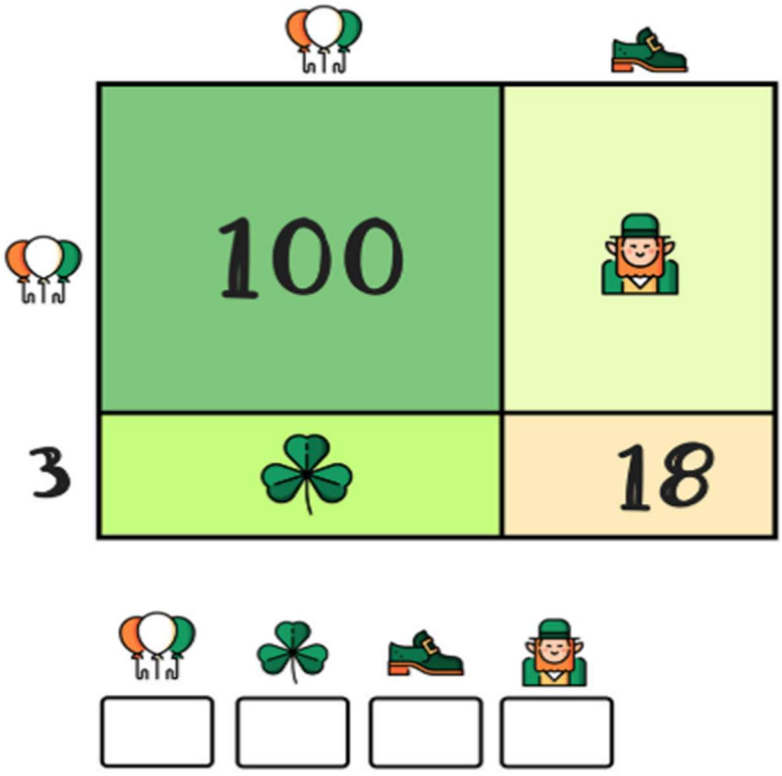




Find a value for each icon in the area model below so that it represents the value 325.

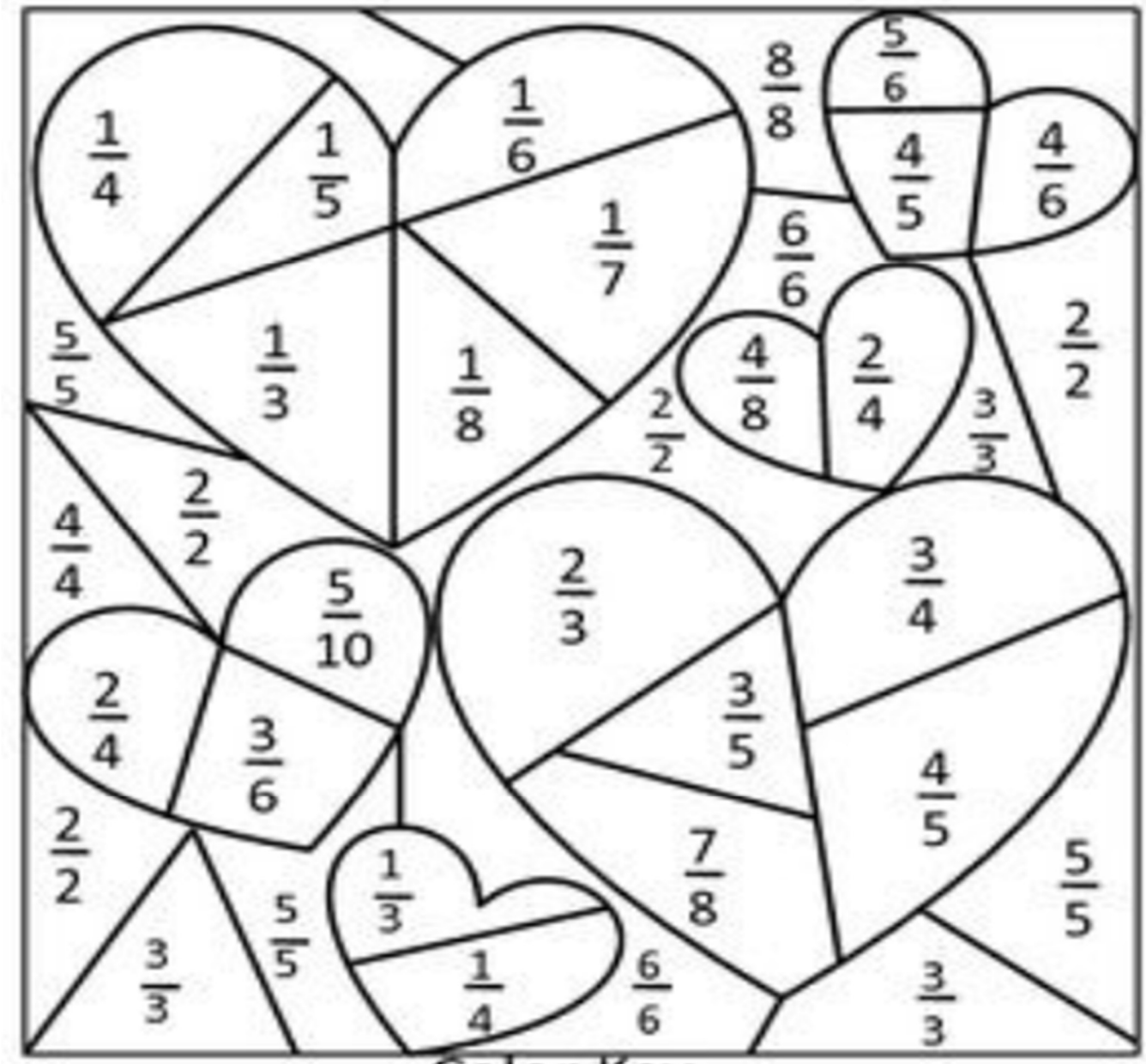


The area model below represents the value 208. Find the value of each icon.



Directions: Color the following picture according to the key.

Rationale: 4.NF.1 Explain why a fraction is equivalent to another fraction using models and how the number and size of the parts differ. Use this principle to recognize and generate equivalent fractions.



Color Key

Pink	Red	Purple	Blue
Fractions less than $\frac{1}{2}$	Fractions equal to $\frac{1}{2}$	Fractions greater than $\frac{1}{2}$	Fractions equal to 1