

Name: _____

53	$-2\frac{2}{4}$				$+4\frac{1}{2}$		$+\frac{4}{11}$	
		-27		$-\frac{1}{4}$				$+\frac{8}{11}$
		$-\frac{6}{11}$		$+9\frac{1}{2}$		+17		+29
	+52			$24\frac{31}{44}$				
+12				-60		+15		
$+\frac{1}{4}$				$-\frac{1}{2}$		+35		
	+3		-5				$-\frac{1}{2}$	$135\frac{1}{22}$

Rose rolls two dice. What is the chance of her rolling a 2 on one die and a 1 on the other die?

Here is a pattern of letters:

Z S R F Z Z S R F Z Z S R F Z Z S ...

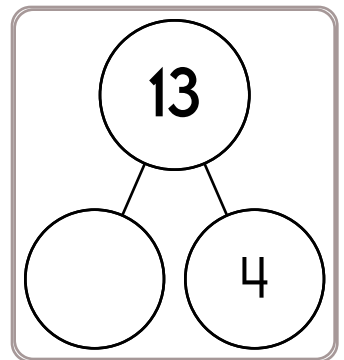
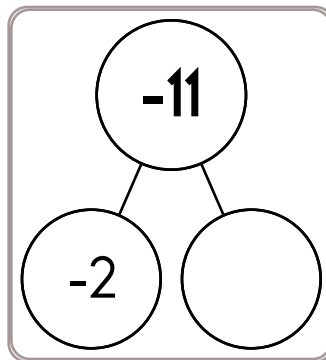
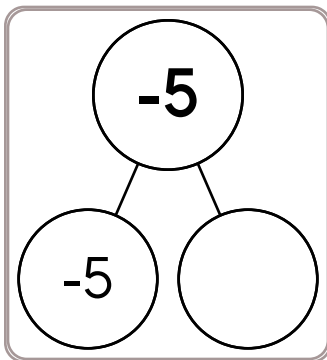
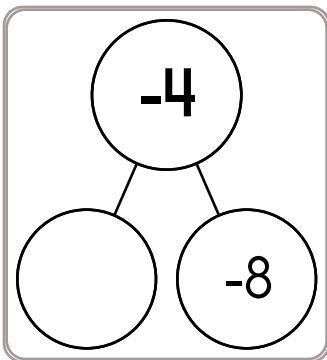
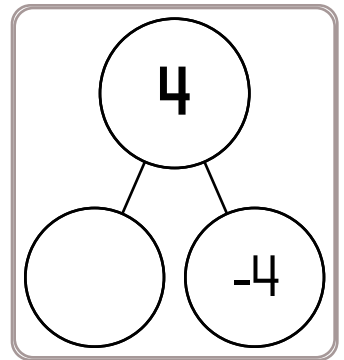
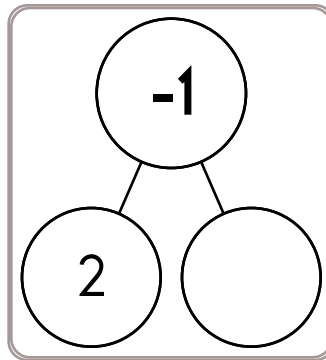
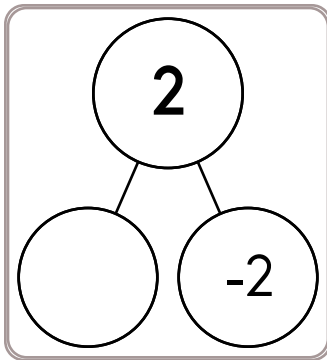
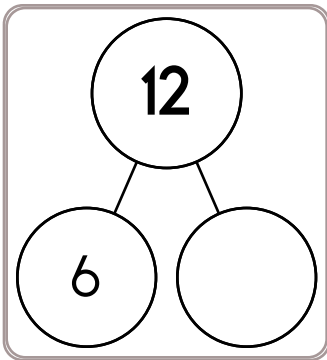
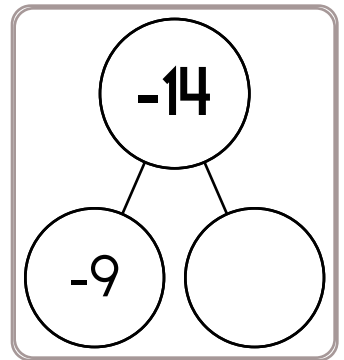
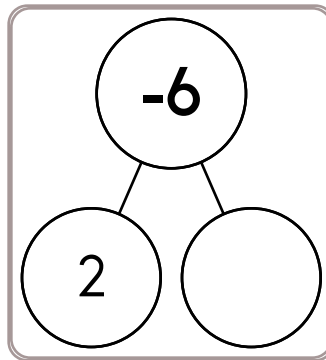
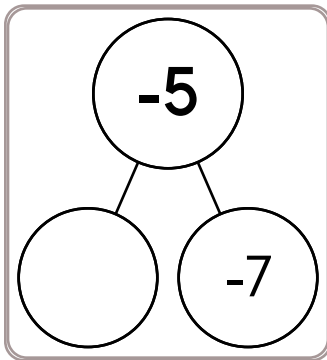
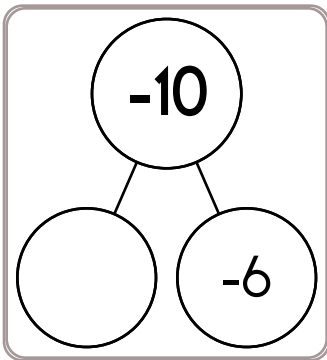
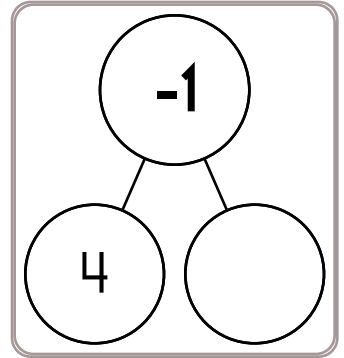
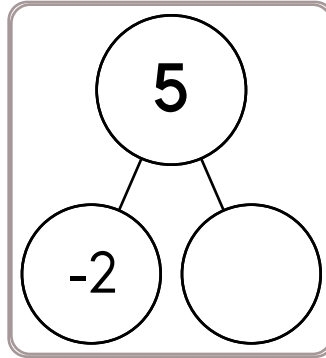
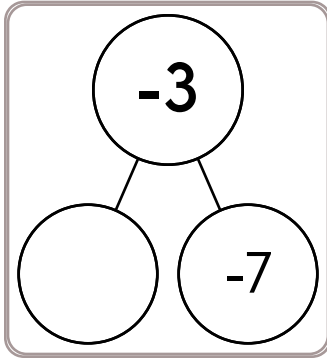
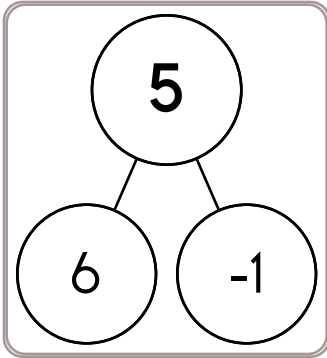
What letter will be the 32th term in the pattern?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.



Name: _____

X	8			3		
3	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
	40					
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
		18				
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
		90				100
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
				21		
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
2	16				22	
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
	16	18				
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
		27	27			
	$\underline{\quad} \times \underline{\quad} 8$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$

How many grams are in 8 kilograms?

_____ grams

$7 \times 6 = \underline{\quad}$

$\begin{array}{r} 28 \\ + 33 \\ \hline \end{array}$

word root **glyc** can mean **sweet** **glucose**

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 2 in your head

add 4

double it

Add the tens digit to the ones digit.
Write the sum.

A

imagine 4 in your head

multiply 8

subtract 7

double it

subtract 9

subtract 8

Write the tens digit.

B

imagine 7 in your head

double it

subtract 9

add 6

Write the odd digit in your answer.

C

imagine 9 in your head

subtract 8

add 3

multiply 8

Write the ones digit.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____n_____

6 after 16 _____

7 before 16 _____

5 before 18 _____

3 after 14 _____

6 before 12 _____

3 before 11 _____

9 after 18 _____

8 before 14 _____

9 before 15 _____

Name: _____

<p>The fifth grade class baked twelve dozen brownies for the bake sale. Each brownie was a three inch square. They put four brownies in each package. What was the total area of the four brownies?</p>	<p>Wendy's great grandmother walked all the way across Germany before she came to the United States. She and her family carried all they owned in little sacks on their backs. They walked an average of 3.71 miles per day. How far did they walk in a year?</p>	<p>Mary was very happy. She had a new Chihuahua puppy. It was her responsibility to feed him. Her father told her the puppy would eat $\frac{1}{2}$ of a small can of food each day. How much would the puppy eat in two weeks?</p>
---	---	--

<p>Megan rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being nine?</p>	<p>Can 354 be evenly divided by 6? Circle: 354 is NOT evenly divisible by 6 354 is evenly divisible by 6</p>
<p>5 x 6 =</p>	

<p>Jessica is older than Maria. Megan is younger than Maria. Who's the youngest?</p>	<p>157 + 959 = _____</p>
--	--------------------------

$\begin{array}{r} 512 \\ - 285 \\ \hline \end{array}$	<p>Circle the greatest number: 7,832,954 6,756,013,948 601,759,618,302 53,489,120</p>	<p>96 ÷ 8 = _____</p>
---	---	-----------------------

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

5	3
---	---

3	2				5
			6		
5	4			1	
					2
	5	4			

$$30 \div 6 =$$

$$\begin{array}{r} 238 \\ + 273 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ - 19 \\ \hline \end{array}$$

34% of 100 is 34.
34% of 200 is 68.
34% of 500 is 170.

What is 34% of 900?

$$1 \text{ lb} = 16 \text{ oz}$$

$$13 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$$

$$9 \times 6 =$$

$$20 \div 2 = \underline{\hspace{2cm}}$$

$$5 \times 4 = \underline{\hspace{2cm}}$$

Name: _____

24 kg = _____ g	20 ÷ 4 = _____
-----------------	----------------

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>nine hundred eighty-two thousand three hundred sixty-six</p> <p>_____</p>	<p>964 - 772 = _____</p>
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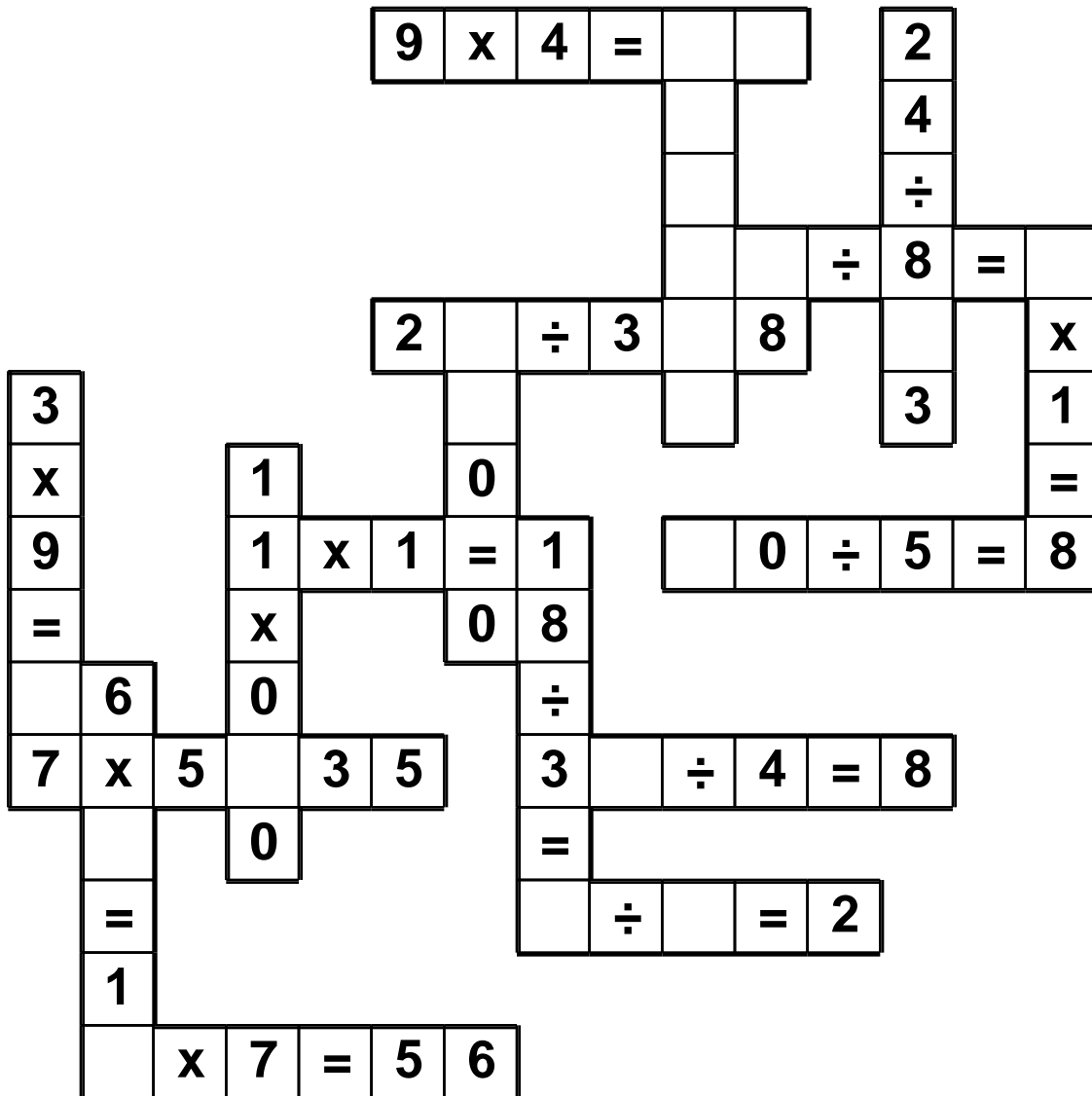
<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 3, 1, 6, and 9. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>	<p>For 65,534,188,554,885, write the digit that is in the hundred thousands place.</p> <p>_____</p>
	<p>5 x 5 = _____</p>

<p>36 ÷ 4 = _____</p>	<p>Circle the smallest number:</p> <p>425,907,813</p> <p>642,015,738,964</p> <p>538,172</p> <p>90,653,198,472</p>	<p>8 x 4 = _____</p>
-----------------------	---	----------------------

<p>Can 730 be evenly divided by 10? Circle:</p> <p>730 is evenly divisible by 10</p> <p>730 is NOT evenly divisible by 10</p>	<p>12 x 4 = _____</p>	<p>50 ÷ 10 = _____</p>
		<p>60 ÷ 5 = _____</p>

6 x 4 = _____	10 x 5 = _____
---------------	----------------

Use the pieces above to help you fill in the runaway math puzzle.



973 cm, 771 dm, 176 m

clamor, exclamation

$$\begin{array}{ccccccccccccccccc} 8 & \bullet & 2 & \bullet & 3 & \bullet & 0 & \bullet & 6 & \bullet & 7 & \bullet & 4 & \bullet & + & \bullet & = & \bullet & 4 & \bullet & 5 & \bullet & 0 & \bullet & + & \bullet & 2 & \bullet & = & \bullet & 2 \\ 0 & \bullet & 4 & \bullet & = & \bullet & 9 \end{array}$$
[illegible]
$$\frac{5}{10}$$

$$\frac{5,400}{16,200} =$$

Name: _____

The letters A, Q, and M each stand for a whole number. How many DIFFERENT values can you find for them?

$$M > Q$$

$$A + 9 = Q$$

$$M < 23$$

$$A > 7$$

In a game, Jenna and Anna each have their own territory and currency. When you visit Jenna, you will use whatters. On the other hand, if you visit Anna, you will use clingdones. The value of one whatter is equal to 3.5 clingdones. Anna wants to visit Jenna. She has 18 clingdones, so she exchanges half of her clingdones for whatters. How much in whatters and clingdones does Anna currently have?

Name: _____

Anna was curious about what day will be her teacher's birthday. Today is Monday, and it is the 79th day of school.

"My birthday will be celebrated in 33 school days. There are 5 days each week for school, and I counted 3 holidays when we will not have school. Anyone know on what day of the week will be my birthday?" asked Mr. Thompson.

Connor was having so much fun making cupcakes for his class. He made $3\frac{1}{2}$ dozen of them! But there are only 21 kids in his class. Luckily everyone ate one cupcake except for Amy. How many cupcakes are left over?

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

sum of 7 ↓		sum of 6 ↓	sum of 10 ↓	sum of 9 ↓			
	sum of 9 →		2		sum of 9 ↓	sum of 10 ↓	
	sum of 9 →		4		sum of 7 ↓		
	sum of 9 ↓	sum of 4 ↓	4				
sum of 3 →				sum of 4 →			
sum of 5 →							
sum of 8 →				sum of 7 →			
			sum of 8 →				

sum of 7 →							
		sum of 4 →				sum of 5 ↓	
sum of 8 →				sum of 4 →			
	sum of 6 →	1	4	1			
	sum of 9 ↓	sum of 5 ↓	sum of 10 ↓		sum of 7 ↓	sum of 10 ↓	
sum of 6 →				sum of 9 →			
				sum of 7 →			
sum of 3 →			sum of 8 →				

$88 \div 8 =$ _____	Write an equation to represent this: The product of seven and ten is seventy. _____	$144 \div 12 =$ _____
---------------------	---	-----------------------

Circle the addition property for $60 + 48 = 48 + 60$. commutative property associative property	$6 \times 7 =$ _____	$11 \times 2 =$ _____

Amanda and Rosa are playing a number game. Amanda says 1. Rosa replies that the answer is 8. Amanda says 5. Rosa replies that the answer is 40. Amanda says 4. Rosa replies that the answer is 32. Amanda says 3. Rosa is thinking. What number should Rosa reply with?	$144 \div 12 =$ _____
	$96 \div 8 =$ _____

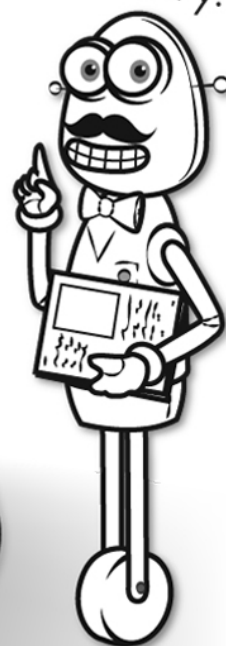


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