Name:

Complete each pattern. Write what the rule is for each pattern.

(40,353,607), (5,764,801), (823,543),

(117,649), (16,807), (2,401),

(343), (49), _____

(9,765,625), (1,953,125), (390,625),

(78,125), (15,625), (3,125),

(625) , _____, ____

Complete each pattern. Write what the rule is.

483258, 325848, _____, ____, 325848, 584832, 483258,

325848, 584832, 483258, 325848, 584832, 483258, 325848

411161, 116141, 614111, 411161, 116141, 614111, _____,

_____, 614111, 411161, 116141, 614111, 411161, _____





Solve: ? =

Name:

David made a plaque for his room celebrating the poetry of Etheridge Knight. He put a copy of "Cell Song" on the plaque. The plaque was shaped like a trapezoid with a height of 8.3 inches and bases that measure 5.2 inches and 8.7 inches. Find the area of the plaque. Round your answer to the nearest hundredth if needed. The Bigtown Economics Show was set up and ready to go at the Bigtown Municipal Center. The organizers were counting their money. Non-profit organizations paid a \$20 registration fee to set up a booth at the event. For-profit organizations paid a \$40 fee. The ratio of non-profit to profit organizations was 3 to 6. If there were 108 organizations registered for the event, how much money did the organizers receive in registration fees?

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 548,167,304 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

How many minutes is it from 6:00 a.m. to 11:20 a.m.?	Yummy Donuts gave two dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?	What 4 coins add up to 22 cents?
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Name:	
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Ame
Cross off the number that does NOT belong.
8, 64, 73, 292, 584, 593, 4744, 4753, 38024
Why does not belong in the pattern?
Cross off the number that does NOT belong.
36, 3, 46, 18, 56, 33, 66, 48, 76, 63, 86, 79, 78, 96, 93
Why does not belong in the pattern?

Anne is packing boxes of medicines into a crate. The crate will be sent to a village in Asia that was devastated by a typhoon. The crate is $4 + \frac{1}{4}$ ft x 2 $\frac{3}{4}$ ft x 1 $\frac{3}{4}$ ft. The boxes are 4 in. x 5 in. x 3 in. How many boxes will fit in the crate?	April wrote called "Mara Lemons." In Marcus bou lemons bece were cheap he got hom know what many lemor lemons cost how much a lemons cost	a fable cus and the the fable, ight 273 ause they of Then, after e, he didn't to do with so ns. If the \$0.07 each, did the 273 ?	A t the Ge dor "Ar fou aba the stua fou Eler	hird of the students in a fourth grade at eneva Elementary of know the fable ndrocles and the Lion." 54 students in the arth grade don't know out "Androcles and a Lion", how many dents are in the arth grade at Geneva mentary?
Rewrite these in increasing orc 97 cm, 2 dm, 668 m, 861 km,	ler of length: 578 mm	12 x 8 =		3 1 <u>- 1 3</u>

-

642 <u>-601</u>	Ros chc	a rolls a die. What is ance of her rolling a 6	the o?	692 - 631 =	
80 ÷ 8 =		1 lb = 16 oz 8 lb = oz]	18 ÷ 6 =	
48 ÷ 8 =		45 ÷ 5 =	19 kg =	g	d of the

Name:							
Which is the b Four bags of a or seven bags \$56?	etter buy candy for of candy	/? • \$28 y for	Can 528 be 528 is even 528 is NOT	e evenly divided ly divisible by 5 evenly divisible l	by 5? C	ircle:	
27 +38	Can 50 502 is e 502 is N)2 be ever evenly divi: NOT evenl	nly divided by sible by 9 y divisible by	9? Circle:	3 + 3	53 <u>45</u>	
2 x 9 =	N y	Mary is you vounger th	unger than E 1an Anna. W	mily. Emily is 'ho's the oldest?		9x6=_	
(3 + 7) + 3 =			How mo	iny millimeters are millimeters	in 6 centii	meters?	
For 25,732,808 digit that is in t thousands plac	548, write he hundr ce.	e the red	9,555 + 1,315	5 =			
Write an equa	ation to re of six and	epresent t eleven is s	his: sixty-six.	11 x 8 =			
wo	rd root me	eta can me	ean change	metabo	lism, me ⁻	tamorpho	sis

Circle the greatest number: 672,509 10,203,519,867 381,491,863,025 76,825,439 Anne v How m		Anne ar birthday old. Meg Anne wa How ma	nd her little sister, Mega is on the same day. An gan is six years old. Dic as once double the age ny years ago was that?	n, both have ine is eight years I you know that e of Megan? ?
4 x 9 =	72 ÷ 9 = _ 8 x 7 =		Five-ninths of the ch Clark's class want to If Clark agrees with will the class stay ins outside?	hildren in 9 go outside. 9 the majority, 9 ide or go
132 ÷ 11 =	Can 288 be 288 is even 288 is NOT	288 be evenly divided by 6? Cir s evenly divisible by 6 s NOT evenly divisible by 6		10 x 6 = 4 x 6 = 3 x 4 =
Circle the digit in th 41.39	e tenths plac	e.	497 + 227 =	
12 x 11 =	4,743 + 6,14	5 =		
5,185 + 8,693 =				Porte





Name: _

Jasmine, Rebecca, Alexander, Dylan, and Natalie each voted for one person to be president. How many votes did each person receive and who will be the president? 1. If Rebecca had one more vote, Rebecca would have the same number of votes as Dylan. 2. Rebecca has the same number of votes as Natalie. 3. Alexander has the same number of votes as Natalie. 4. If Jasmine had one more vote, Jasmine would have the same number of votes as Alexander. Jasmine received ______ vote(s). Rebecca received ________ vote(s). Alexander received __________ vote(s). Dylan received _______ vote(s). Natalie received ______ vote(s). In the number 67,218,400,505, the digit 1 is You cannot decide what pizza store to go to. Rose's pizza cuts their pizza into 8 slices. in what place? Each slice costs \$5 each. Jenna's pizza cuts their pizza into 7 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy? What time is 14 hours after 1:00 p.m.? Write this as a number in standard form. Use a comma in your number. $24 \div 3 =$ _ three hundred ninety-six thousand, one hundred sixty-three $5 \times 10 =$ 6,152 + 8,553 = _____

C

Find 2 equations hidden in each box. Good luck!

5 + 1 5 + 8 10	8 4+6 1+1 + ○	16 7 ¹³ 18
Write 2 equations:	• /	
6 3 - 3	1 8 7	-1 -5
2 Write 2 equations:	9 - 5	0
8 _{x 4} 12	40 6 7 x 4	94 28 5 x 2
72 72 8 x 7 27 1 x ¹ Write 2 equations:	ч8 48	$3 \\ 2 \\ 1 \\ 3 \\ 3 \\ 3 \\ 8 \\ 3 \\ 8 \\ 3 \\ 8 \\ 3 \\ 8 \\ 3 \\ 8 \\ 8$

Name:		
Polar bears are very large animals. An adult female polar bear is usually about 660 pounds. An adult male can grow to 18 feet tall and weigh up to 1,320 pounds! What is the difference between the two weights?	The groundhog must feed her young so they can grow and be healthy. If she brings forty-four berries back to the burrow to feed her young and they only eat half of them, how many berries did they eat?	The Russian (Cyrillic) alphabet has 33 characters. The English alphabet has 26 characters, and the German alphabet has 30 characters. Write the ratio of German to Russian in simplest terms.
Write the missing family fact. $6 \times 16 = 96$ $16 \times 6 = 96$ $96 \div 16 = 6$	A rectangle is 25 cm on one side and 6 cm on another side. What is the perimeter?	How many meters are there in 21 kilometers?
Pathway Pretzels are packaged in boxes that are 13 inches x 7 inches x 11 inches. The entire outside surface area of the box is covered with clear shrink-wrap. What is the outside surface area of each box?	For every 15 used electric motors turned in to Ned's Recycling Shop, Ned gets paid \$20. It costs Ned \$.10 to properly dispose of each motor. What is Ned's net income from recycling 240 used electric motors?	Mary procrastinated studying until 5 minutes before the spelling test. As a result, she only spelled 2 out of 5 words correctly. There were 20 words on the test. How many did she spell correctly?
49 divided by 7 equals	Write $\frac{6}{12}$ in lowest terms.	What is 50% of 686?

J

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

17+		4	5+	5+
5	10+			
			17+	3
1	13+	3	5	

Fill in the blanks. These equations are from the puzzle above.

+ 3 = 5	++++_3 = 13
+ 5 ++ = 17	++ 5 += 17
+++_2 = 10	+ 4 = 5



