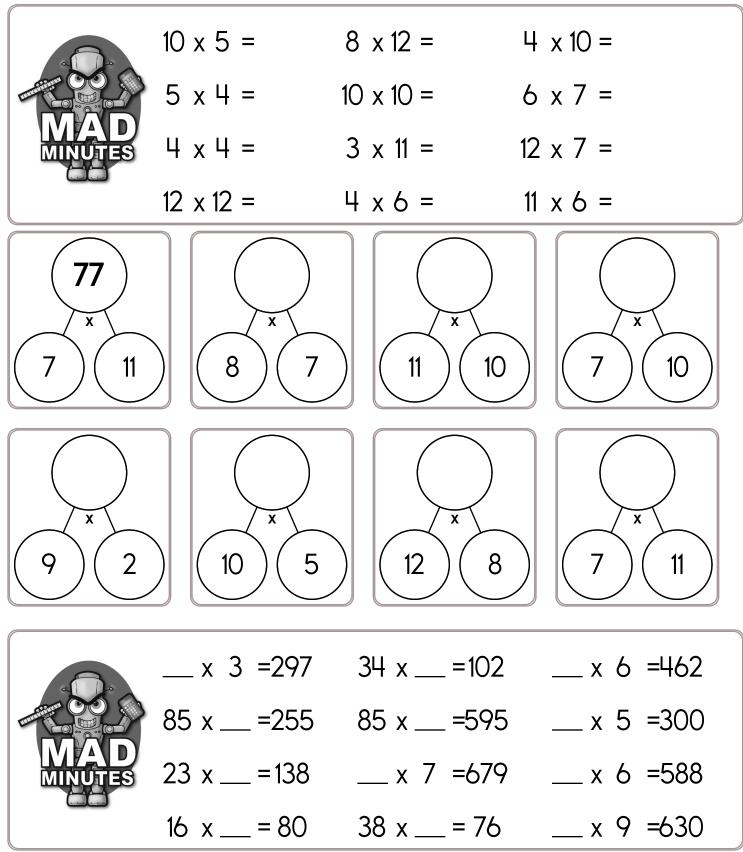
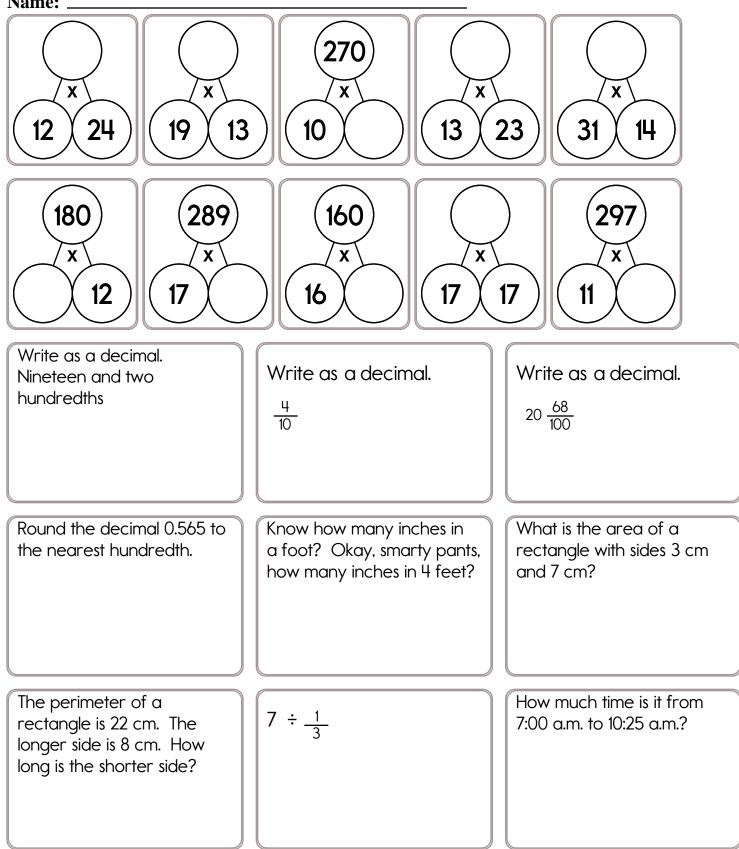
"I have 2 dogs," David began. He was presenting to his class. "I first got Luna and then after that got Daisy. My research is about dog years. Daisy is exactly 5 years old in human years; it's her birthday! Some would say she is 5 x 7 or 35 years old in dog years. Multiplying human years by 7 to get dog years is so old school." "Wait, wait!" yelled Clara in the first row. "I know. You take the number of human years, add 3, then subtract 2, and multiply that by 6.32. That means Daisy is 37.92. How old! " "Not even close," said David. "But I found something better than the multiply by 7 rule. This equation says a dog's first year of life is about 15 human years. A dog's second year equals about 9 human years. Every year after that is about 5 human years. "

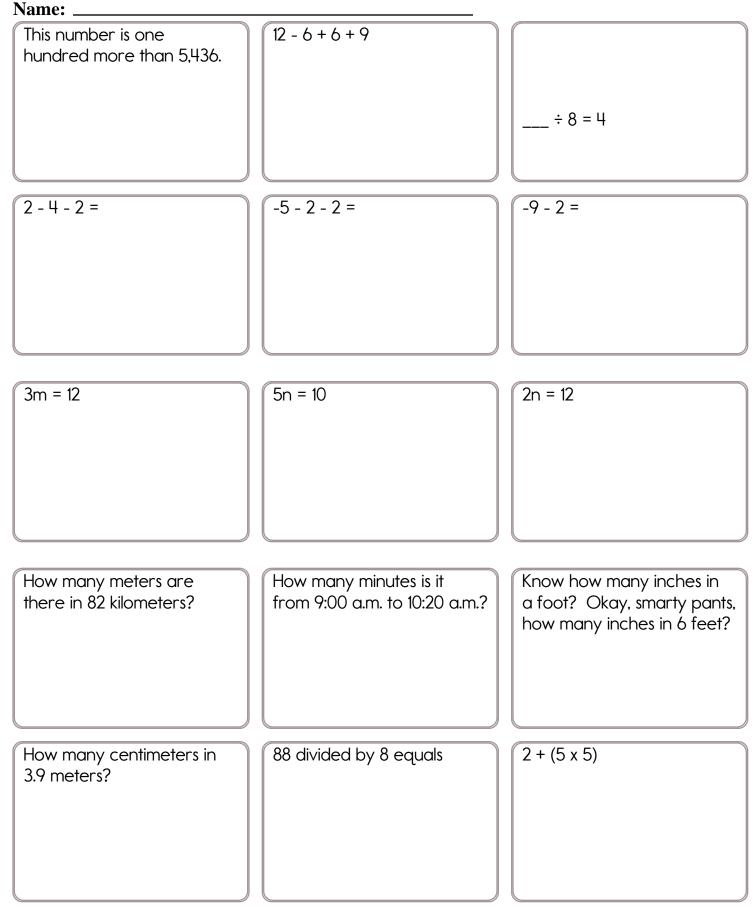
"Great job!" said David in his presentation. "But here is a challenge. Luna is older than Clara. Luna is 55.25 years old in dog years using my equation. How old is she in human years? I will give you a hint. Her birthday was 3 months ago." "Wait, wait!" yelled Clara. "That hint is not very helpful!" "Just try to figure it out," replied David. How old is Luna in human years?

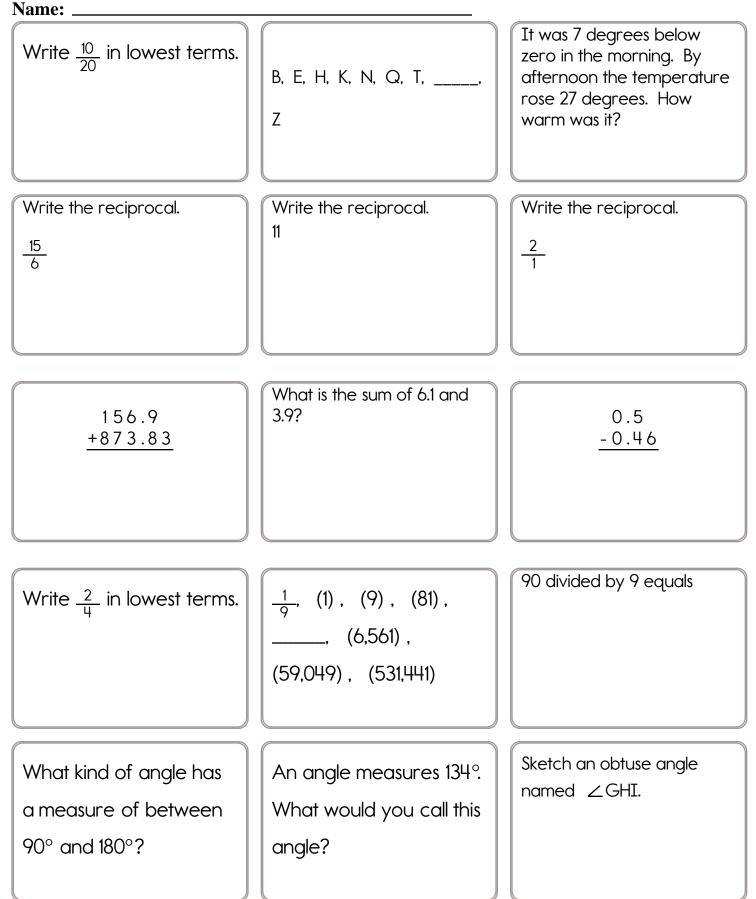


# Name: \_ X X X Х 5 5 9 5 3 11 11 11 X X Χ Х 9 9 5 5 11 2 2 7 \_\_\_\_x 5 = 210 76 x \_\_\_\_ = 380 \_\_\_\_x 9 = 189 45 x \_\_\_ = 225 \_\_\_ x 8 = 352 68 x \_\_\_ = 476 11 x \_\_ = 44 \_\_ x 9 = 531 \_\_ x 6 = 168 79 x \_\_ =632 66 x \_\_ =264 \_\_ x 7 =392 $8 \times 8 = 6 \times 6 = 5 \times 9 =$ $3 \times 2 = 6 \times 8 = 8 \times 7 =$ 8 x 5 = 7 x 4 = 6 x 4 = $5 \times 8 = 4 \times 2 = 7 \times 6 =$

#### Name:



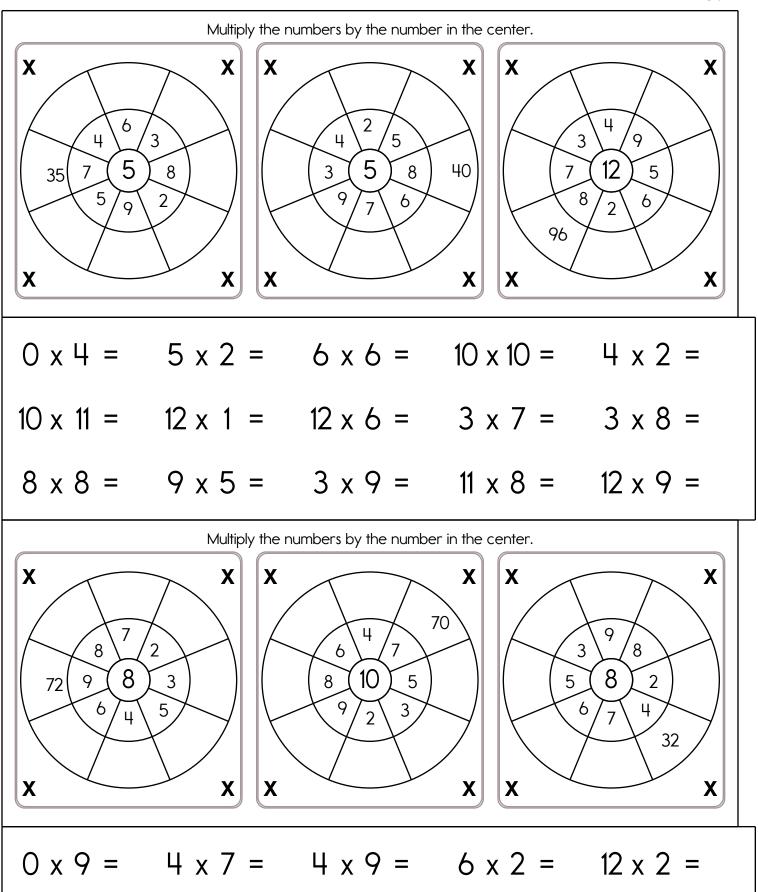




Name: \_\_\_\_\_

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Multiply



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#### Name:

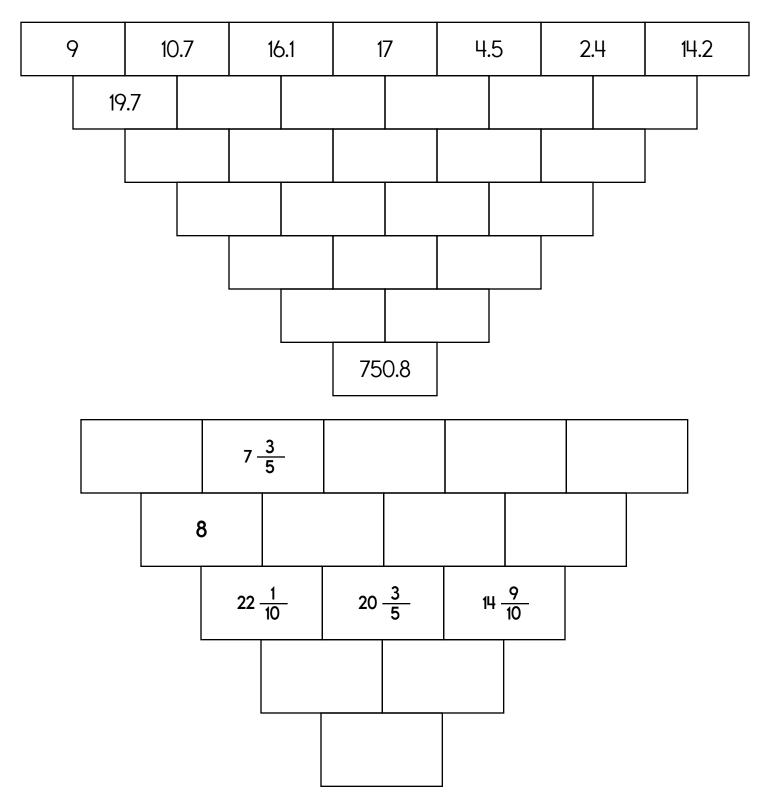
Draw an area model to solve 56 x 6.

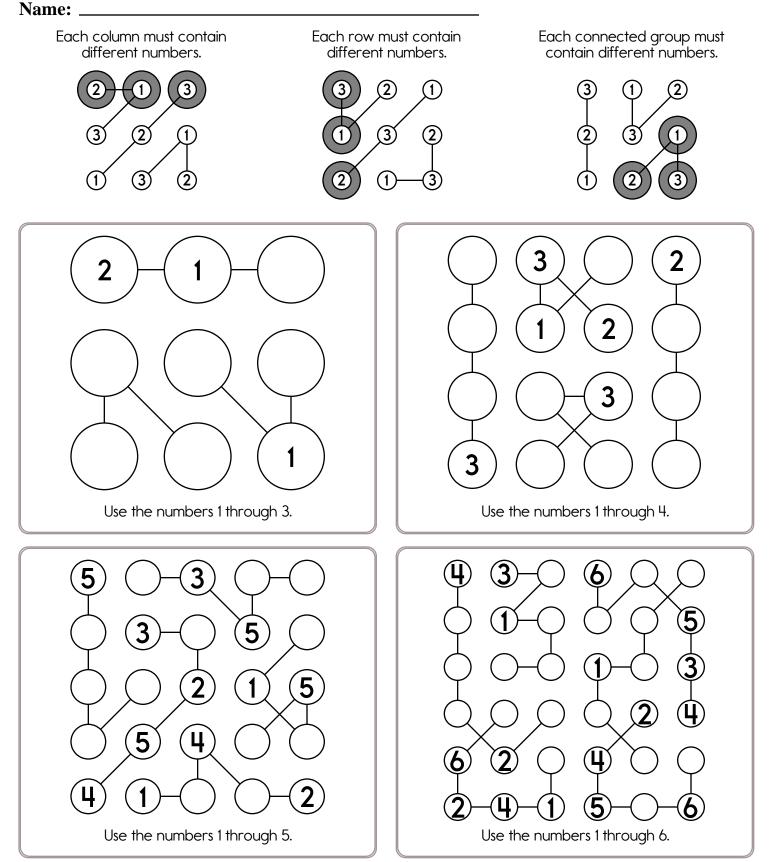
Mary drew a square with an area of 64 square centimeters. Jacob drew a square with an area of 256 square centimeters. How much bigger is the perimeter of the square that Jacob drew than the perimeter of the square that Mary drew?

For some reason Mrs. Brown has 3 chairs. The students in the class each have one chair. Why else would they need more? All of the chairs have 4 legs. All of the kids and Mrs. Brown have 2 legs. There is a total of 110 legs in the classroom (including human legs and chair legs). How many students are there?

### Name: \_

The block below is the sum of the two blocks above. Fill in the missing blocks.





Name: \_\_\_\_\_\_

		1	2		
2		4	5		
				2	
5		2			4
	1	5			
6					

Each row, column, and box must have the numbers 1 through 6.

		5		2	
2		6	5		
		4			
					3
	5			4	
4		2			6

### Name: \_\_\_\_\_

Divide and write the remainder.

5)578	2)609	3)541
9)979	6)887	4)955
7) 852	9)962	6)928
8)835	7)976	3)506
Round 19,505 to the nearest thousand.	49, 69, 89, 109,, 14 169, 189, 209, 229	Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

### Name:

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

(128), (64), (32), (16), (8), (4), (2), (1),

(2,401), (343),	(49),
(7), (1), <u>1</u>	,

\_\_\_\_\_

 $\frac{1}{49}$  ,  $\frac{1}{343}$  ,

Complete each pattern, using the same rule. Write what the rule is.

9, 81, 84, 756, 759, 6831, \_\_\_\_\_, \_\_\_\_

6, 54, 57, 513, 516, 4644, \_\_\_\_\_, \_\_\_\_

3, \_\_\_\_\_, \_\_\_\_, 2457

# Name: \_

Find the way from START to END by passing through EVERY number that is a multiple of fifteen exactly ONCE. Cross off each box that is NOT a multiple of fifteen. Yes, that means you have to go through ALL the multiple of fifteen boxes. Wow!

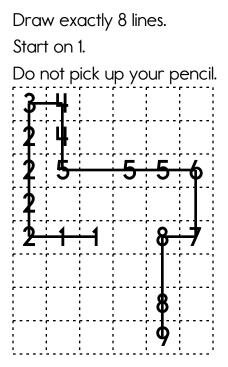
You are not allowed to go diagonally. Good luck!

START	375	285	60	688	175	915	840	900	285
630	90	765	180	645	765	660	240	315	930
240	945	600	180	90	645	255	855	225	675
540	525	630	195	15	345	225	420	135	540
750	360	630	720	600	754	465	405	947	960
915	930	240	230	975	75	485	705	189	990
225	375	765	945	450	690	555	885	310	720
885	855	330	195	463	389	237	272	1	630
109	74	285	465	707	694	613	204	533	465
451	168	920	58	822	560	313	189	532	END

### Name: .

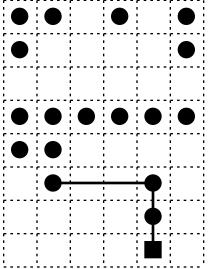
Can you draw lines to cover every number or shape in the picture?

You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.



Draw exactly 7 lines. Start on 1. Do not pick up your pencil. 5 6 2 1 1 1 1 4 2 4 6 3 3 4 6 8 7 Draw exactly 7 lines. Start on the square.

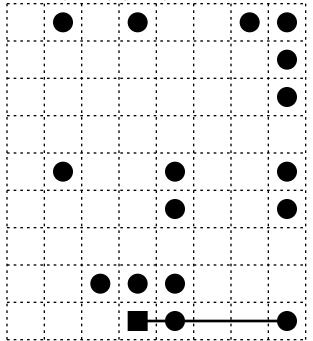
Do not pick up your pencil.

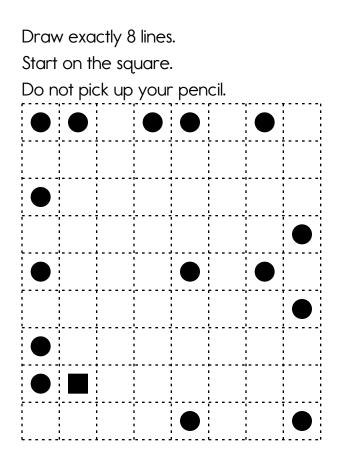


Draw exactly 7 lines.

Start on the square.

Do not pick up your pencil.





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# Name:

#### ACROSS

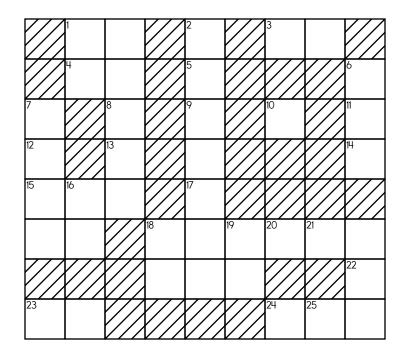
- 1. 10-Down plus 22-Down
- 3. What is the lowest common multiple of 24-Down and 11-Down?
- 4. 24-Down plus 11-Down
- 5. What is the greatest common factor of 11-Down and 14-Across?
- 6. What is the greatest common factor of 42 and 58?
- 7. How many factors does 44 have?
- 9. How many factors does 8 have?
- 12. How many factors does 18 have?
- 13. Sum of digits of 4-Across
- 14. Sum of digits of 25-Across
- 17. Four times 24-Down
- 21. 13-Across plus 5-Across

#### 23. **13**

25. First composite number after 23-Across

## DOWN

- 1. Its digits total 2
- 2. six million, five hundred forty-nine thousand, eight hundred seventy-nine
- 3. What is the greatest common factor of 24 and 39?
- 8. What is the lowest common multiple of 23-Across and 22-Down?
- 10. One-seventh of 22-Down
- 11. The factors of 60 are 1, 2, 3, 4, 5, 6, 10, 12, \_\_, 20, 30, 60.
- 15. Sum of digits of 16-Down
- 16. What is the lowest common multiple of 18-Down and 5-Across?
- 18. Sum of digits of 8-Down
- 19. 24-Down plus 23-Across
- 20. How many factors does 35 have?
- 22. 14
- 24. One-seventh of 25-Across

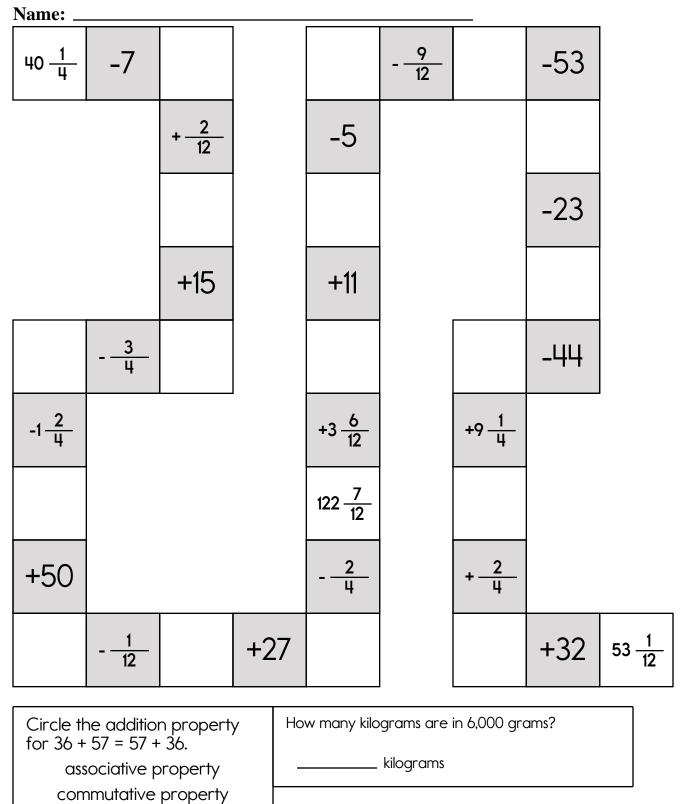


#### Name: .

The sum of two counting numbers is 52. One number is four larger than the other. What are the two numbers?

I am a 3-digit number with a 2 in the tens place. My ones digit is less than my hundreds digit. Write any number that fits this.

Use any of these digits. Cross off a digit after you use it.									
9	5	5	9	9	5	ц	5	ц	1
<b>W</b> hat is	the smalle	•	r greater	<b>,</b> than 954,	•	ou can m	•	hese digi	ts?
			5		,			5	



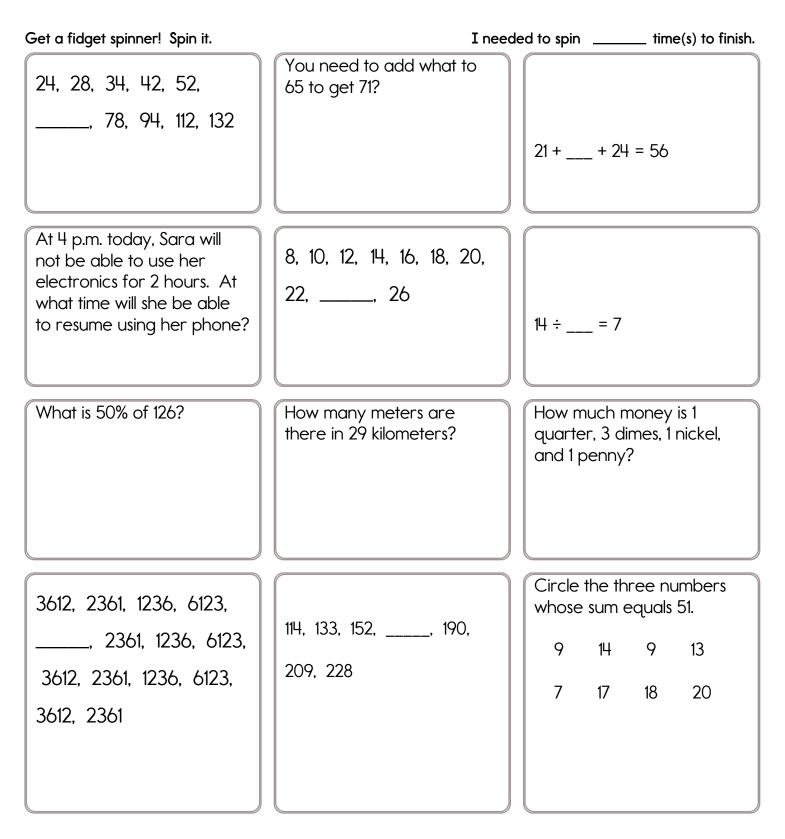
Write a letter that has a line 1 km = 1,000 m 28 kg = \_\_\_\_\_ g 29 km = \_\_\_\_\_ m

of symmetry.

Name: \_\_\_\_\_

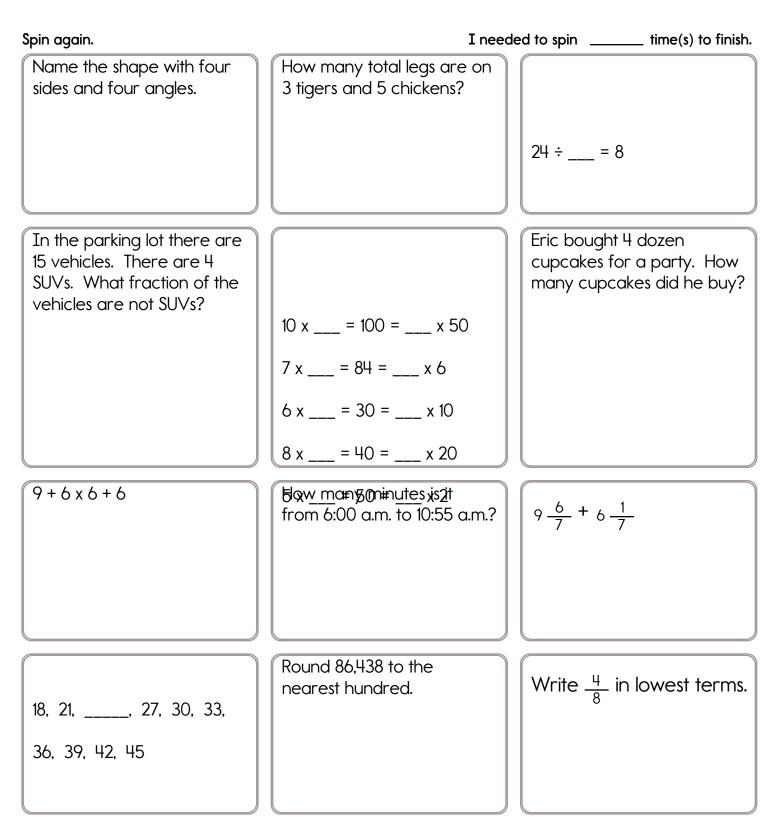


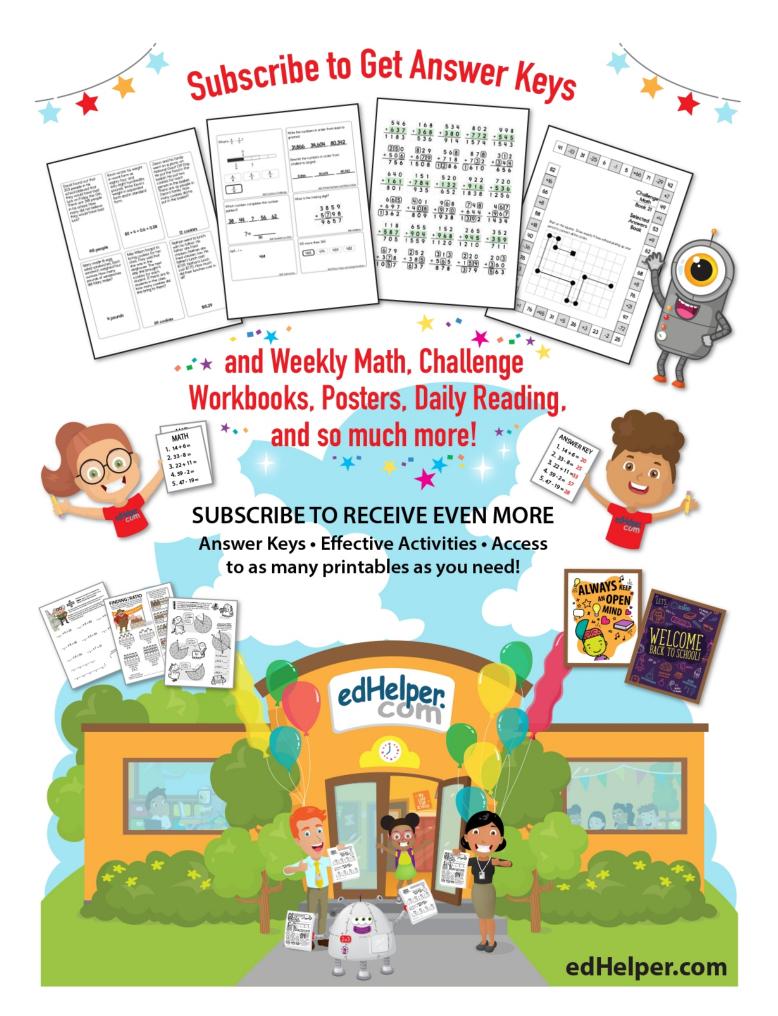
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Name: \_\_\_\_\_

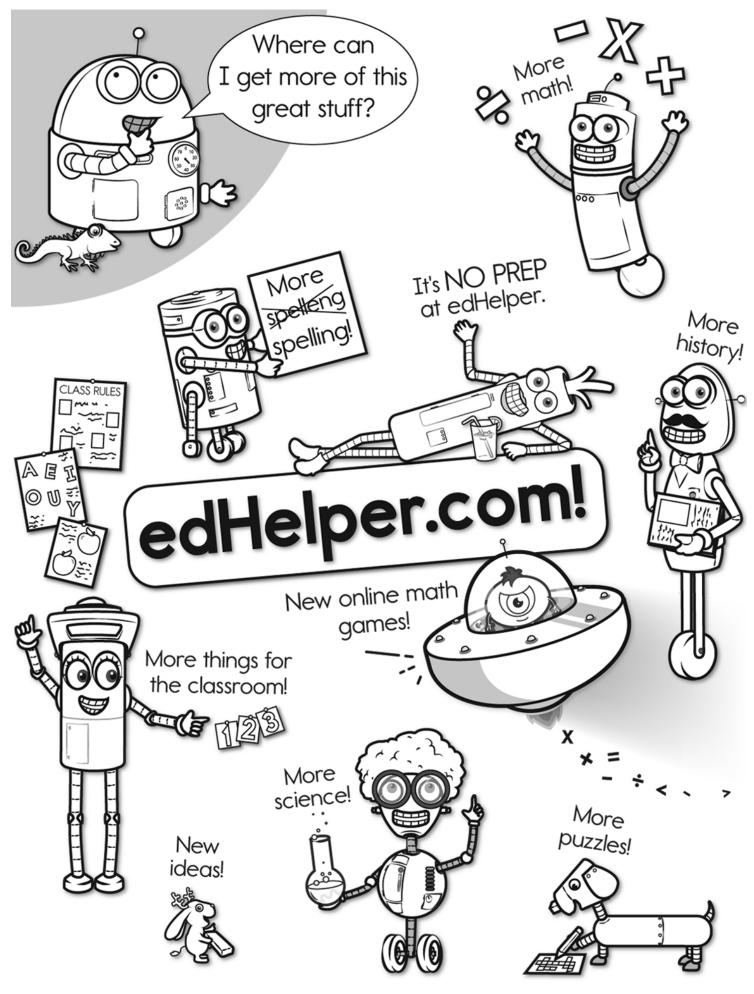






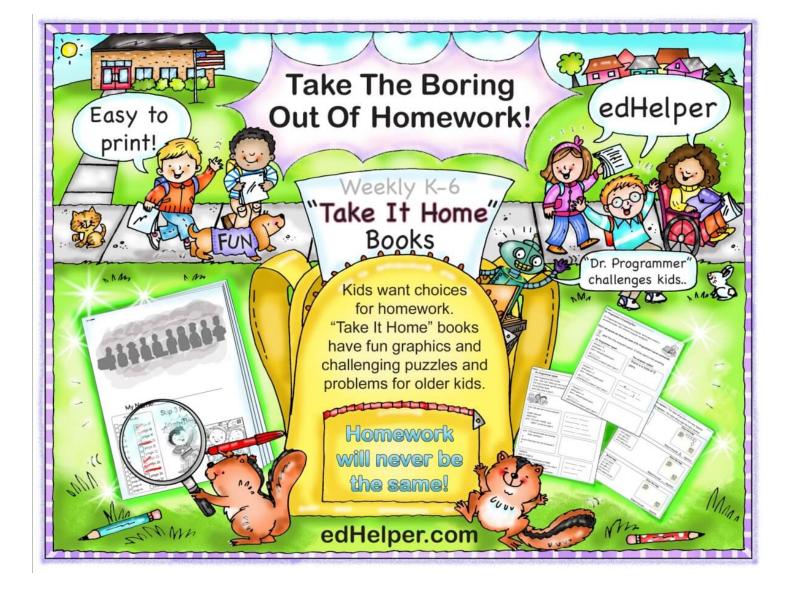
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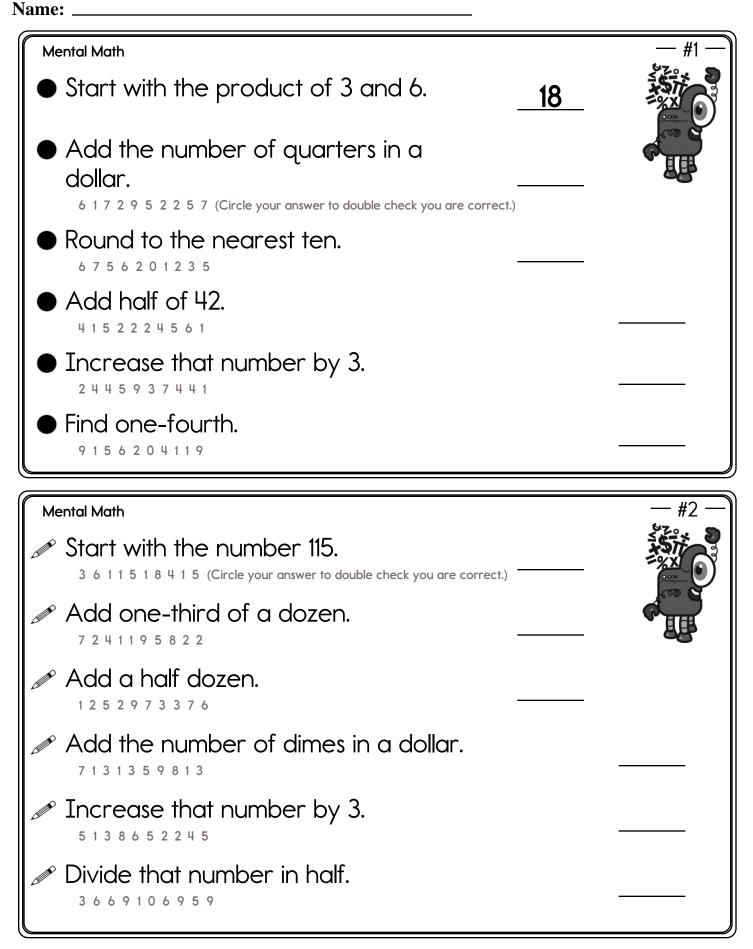
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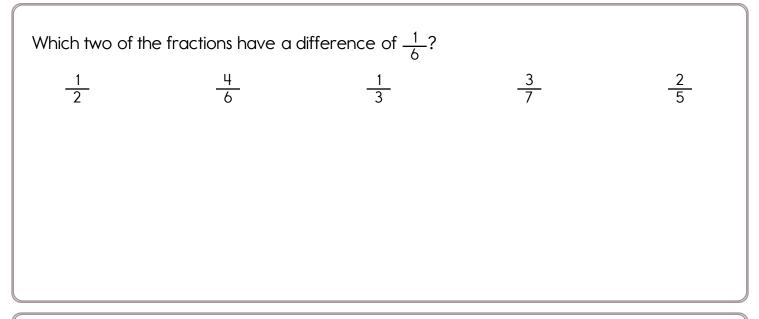
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April 2024 Workbook





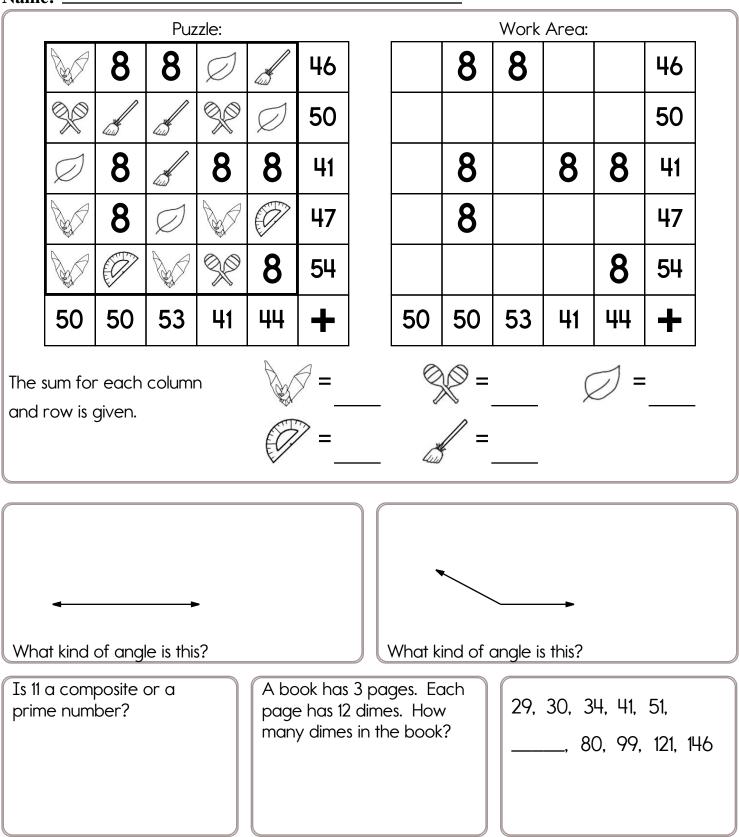
#### Name: \_

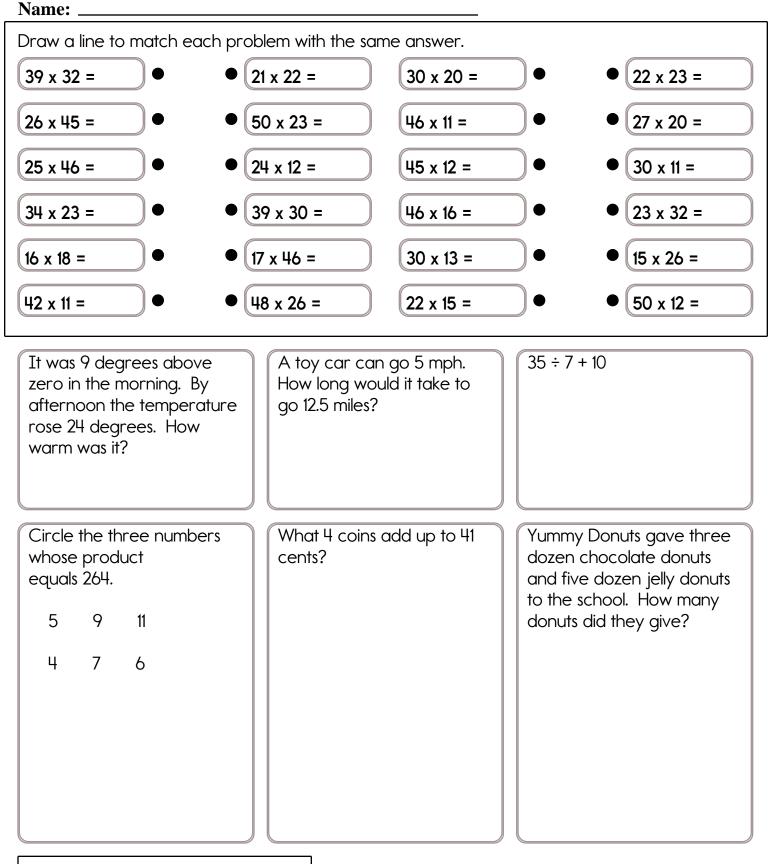


Which number has more factors: 31 or 35?

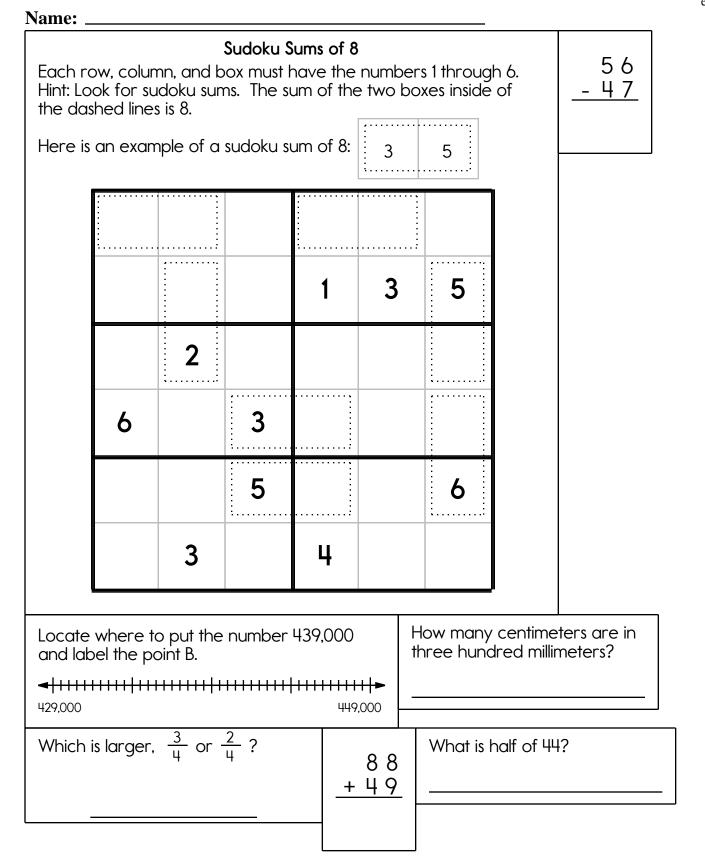
Name the place value that is 1,000 times greater than the tenths place.

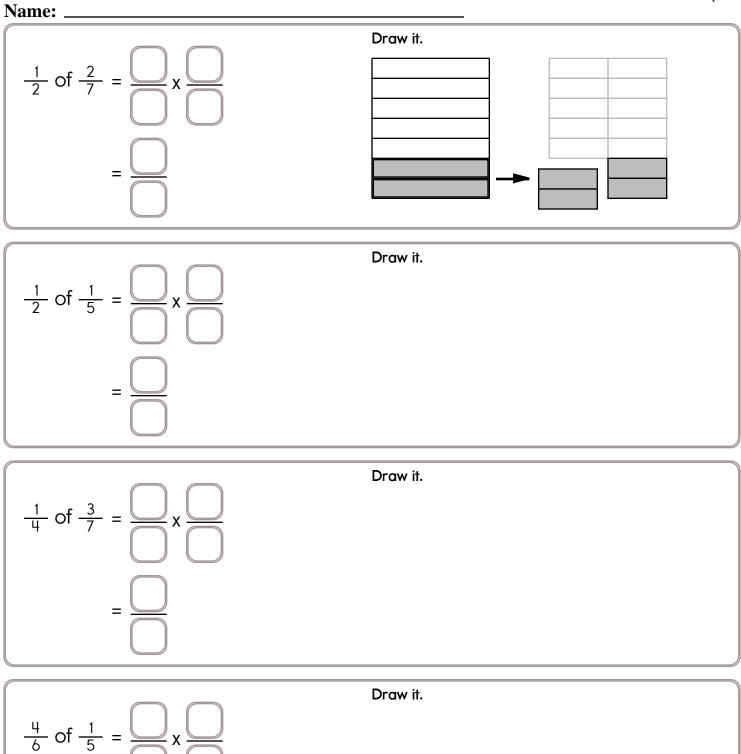
Name: \_





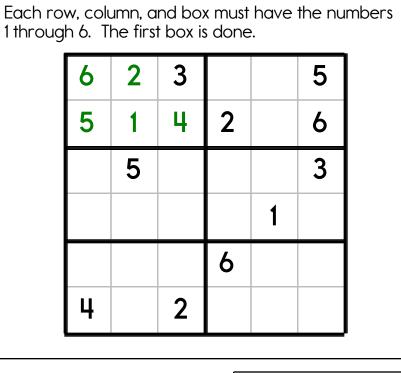
Add the correct end punctuation for this sentence. May I please have some candy

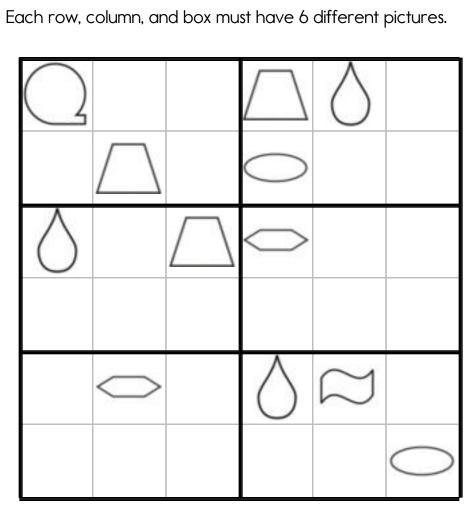




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#### Name: \_





### Name:

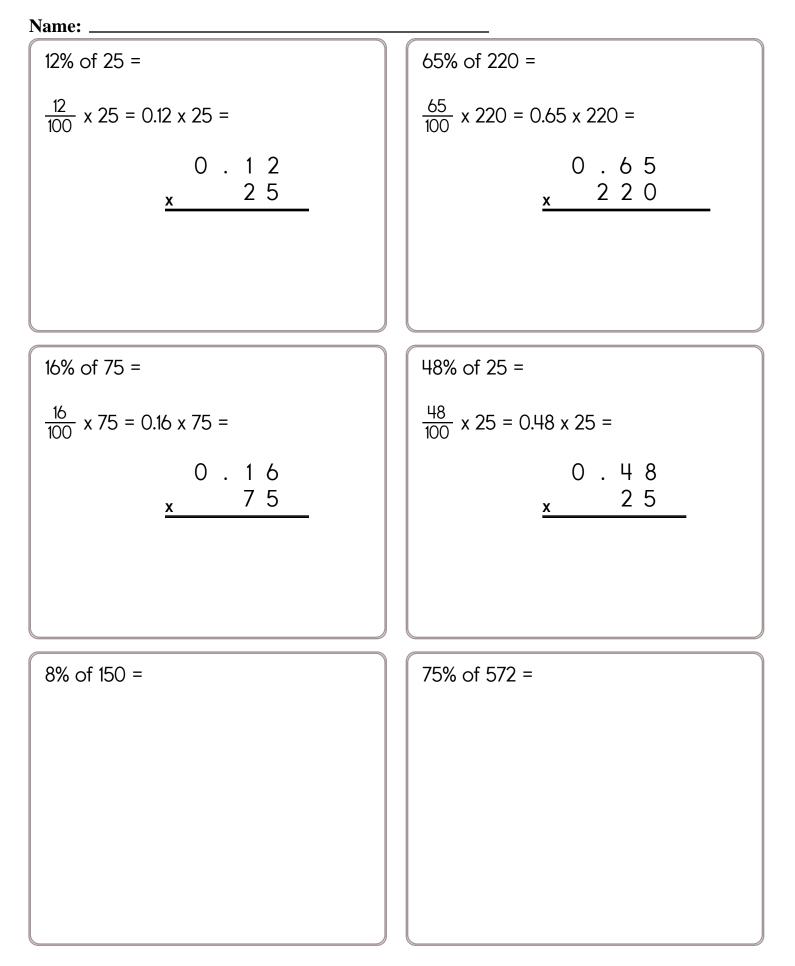
The workers at Rain Gear sewed pieces of fabric together to make umbrellas. Each umbrella has 9 sides, and each side is 4.1 inches long. What is the perimeter of an umbrella? Chef Clark ordered 18 boxes of frozen chicken. Each box was 17 inches x 25 inches. There were 12 boxes in each crate. If each piece of chicken takes up approximately 11 square inches, approximately how many pieces of chicken did Chef Clark order?

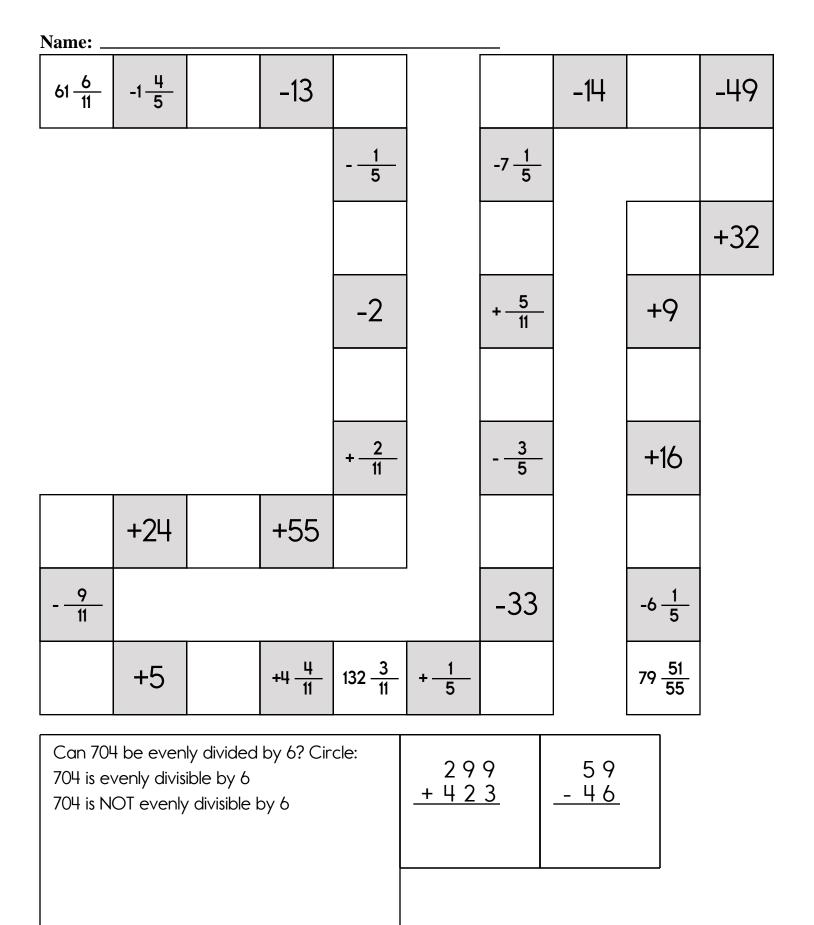
Justin was having so much fun making cupcakes for his class. He made  $2\frac{5}{6}$  dozen of

them! But there are only 21 kids in his class. Everyone ate one cupcake except for Sara,

who does not like cupcakes. How many cupcakes are left over?

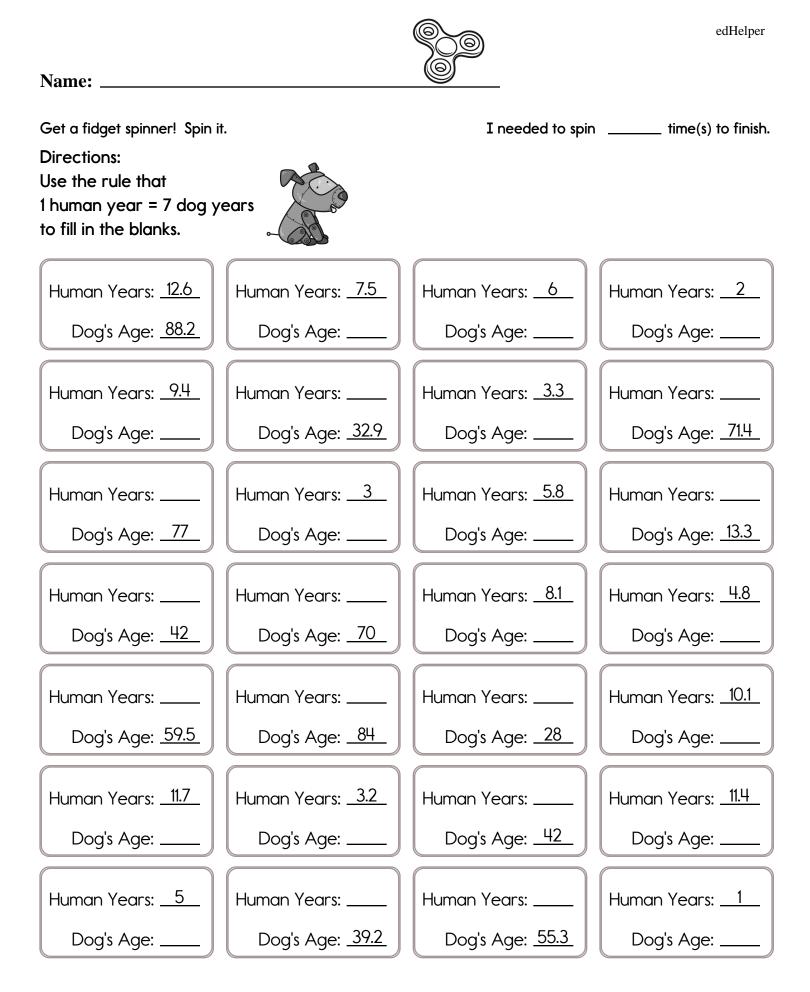
This number is so cool. The tenths place is twice its tens. The ones place is 4 less than its hundredths. The sum of its digits is 17. What's the cool number?

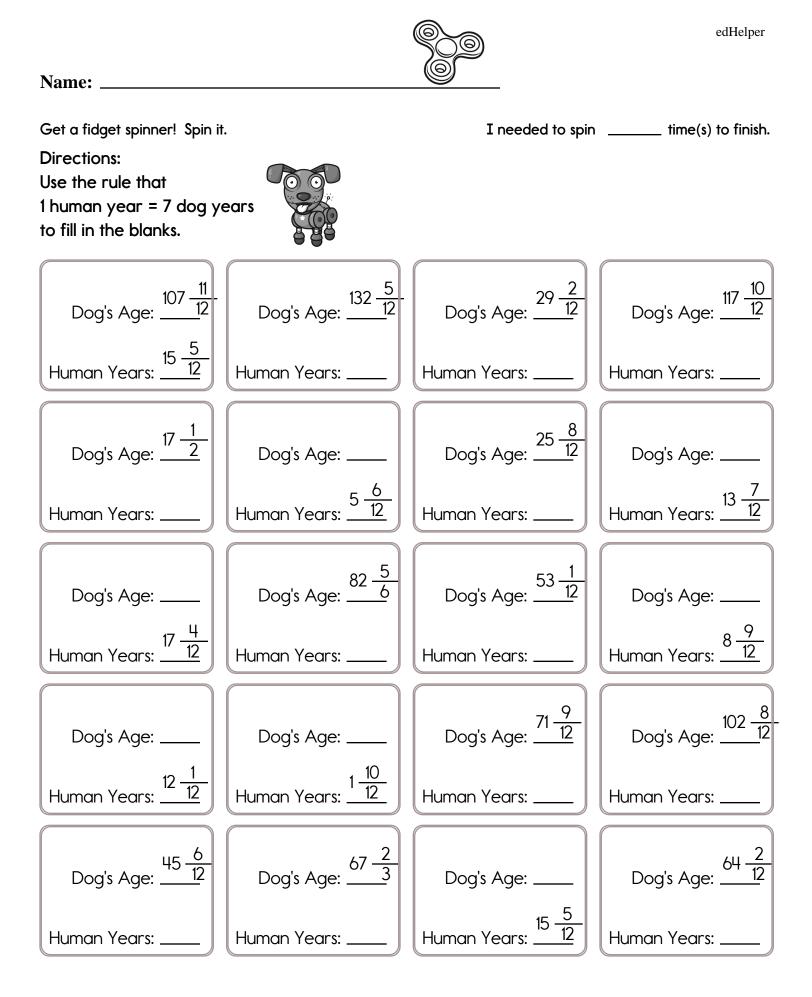




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Name: \_\_\_\_\_





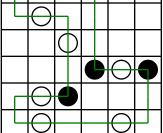
Name:		
Adam is building a log cabin. He started on it at 10:37 a.m. He will have to stop at 6:07 p.m. for dinner. How long does he have to work?	During June, twenty-one root beer floats were sold. During July, thirty-three were sold. In August, twenty floats were sold. What is the range?	Alex has 20 math problems to do. If he does $\frac{3}{5}$ of them now, how many will he have to do later?

Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn. You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

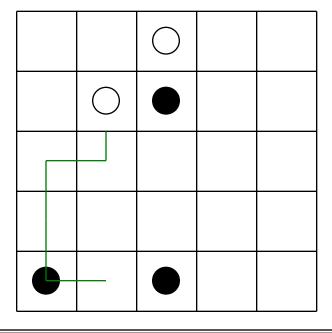
The first puzzle shows a correct line going through all the circles.

word root act can mean to drive or to do

Example:



Finish the line:



counteract, inaction, reaction

Name:				
Wendy left her house at 11:21 a.m. at the newspaper office 36 minut spent 40 minutes working on her then took a 5-minute break. At w she finish her break?	tes later. She story and	Holly and Emily ma soap, and combs. T shampoo, 120 bars What is the greate packages they cou left over?	They had 84 bo of soap, and 10 est number of id	ottles of 00 combs. Jentical
Rosa made medallions for all the p	pets in the	Amanda cookod f	riad chickon for	r har family
		Amanda cooked fi It took her 38 minu	utes to cook the	e chicken. Íf
Dress Up Your Pet Day contest. St		she started cooking what time did she t		ıt 4:41 p.m.,
$\frac{1}{4}$ inches of ribbon for each me				
many medallions could she make	from 8 $\frac{1}{3}$			
yards of ribbon?				
For 464,626,543,730, write the	Which is the	largest?		
digit that is in the hundred thousands place.	95.7 ÷ 9.3 95.7 ÷ 9.1 95.7 ÷ 9.2		÷92	
		70.7 · 7.1 · 70.7	- / <b>.</b>	
word root oliac	can mean <b>sm</b> a	all or few oli	igarchy	
		worksheets.htm		oril 2024 Workbook

# Name: \_\_\_\_\_

four, twelve, or fi	ve quarters. Each	piggy bank also	rs and pennies. Each pi has nine, eight, seven, s of the piggy banks.		
Figure out how m	nany quarters and	l pennies each p	person has.		
1. The value of pennies.	Brittany's quarters	s is ninety-two co	ents more than the valu	ue of Brittany's	
2. If the number be six cents.	er of pennies Cod	y had were dou	bled, then the value of	the pennies would	
3. The person v	with \$1.25 worth of	quarters is not t	he one with nine cents	worth of pennies.	
4. Jason has a	total of \$3.07.				
5. Christian has	eless than \$1.75 wo	orth of quarters.			
Jason has		quarters of	and	pennies.	
Cody has		quarters a	and	pennies.	
Brittany has		quarters	and	pennies.	
Christian has		quarters	and	pennies.	
90 ÷ 9 =	4 1 + 3 8	this sentence.	end punctuation for place to stay, my	8 x 6 =	
			you can spend the		
963 <u>- 884</u>					
(v	vord root <b>polis</b> can i	mean civic or cit	y police, politi	cal	

Name:	
Jenna is babysitting a few kids, and they are in the backyard collecting rocks. She asks how many rocks they collected so far and to round to the nearest ten. She likes having fun and teaching math! a. Alex said he has 20 rocks. How many rocks could he really have before rounding?	<ul> <li>a. Which equation has the smallest quotient?</li> <li>40 ÷ 5 or 50 ÷ 5?</li> <li>b. Which equation has the smallest quotient?</li> <li>435 ÷ 15 or 360 ÷ 15?</li> </ul>
b. Sara said she has 170 rocks. How many rocks could she really have before rounding?	c. Which equation has the largest quotient? 351 ÷ 13 or 455 ÷ 13? d. Which equation has the largest quotient? 406 ÷ 14 or 308 ÷ 14?
In the above grid, each box has a length of 1 unit and a width of 1 unit. Using the above grid, draw three different rectangles. Two of the rectangles should each have a perimeter of 24 units. The third rectangle should have a perimeter of 16 units.	When you divide 67 by 9, you will get a quotient of 7 with a remainder of 4. How many other different remainders can you get if you divide other whole numbers by 9? Give an example of each.

Jenna has a new job working at Pizzeria Magpie. She loves it, but she can only work three hours on Monday, three hours on Tuesday, and nine hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$15.40 per hour. How much will her first paycheck be?

A number is greater than 16 and less than 27. This number has exactly 6 factors.

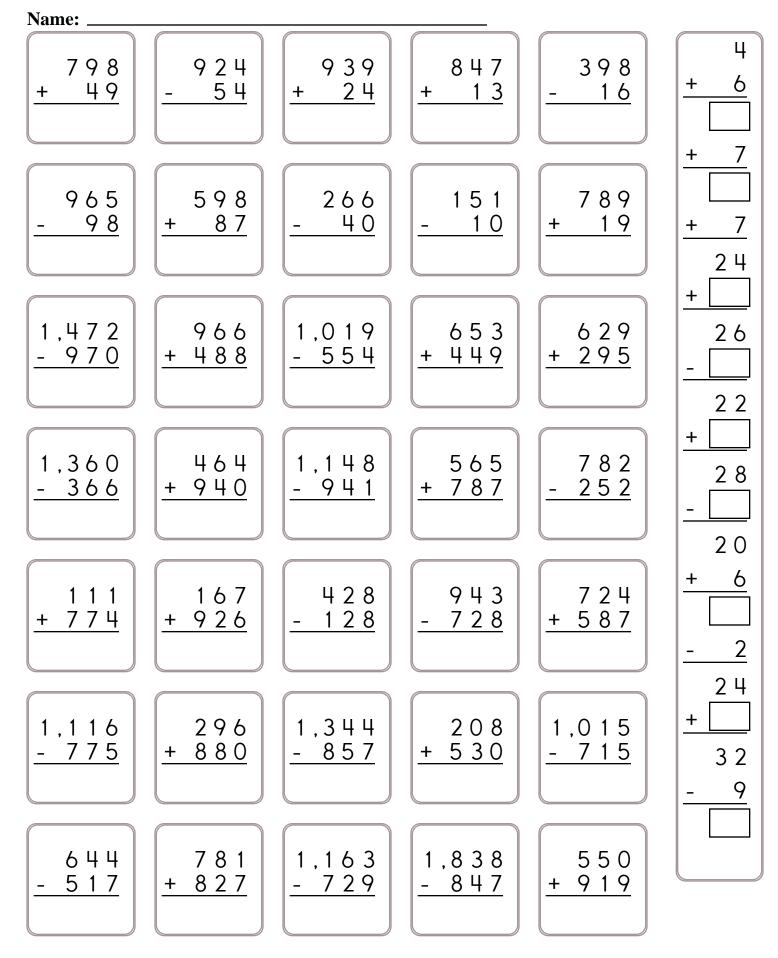
The sum of its factors is 39.

What is the number and what are its factors?

Name:		
Pay the bill!		
Hannah racaivad a hill for	HANNAH	1648
Hannah received a bill for her cellphone from Mobile	D	АТБ
Unlimited for \$55.25. Write	PAT TO THE ORDER OF	\$
the check as Hannah		
would write it.		DOLLAR8
	мемо	
	·:¶¶46943361: ⊮6;	479∎ 1648
Pay the bill!		
	HANNAH	1649
Rent is due. Hannah needs to pay her landlord \$2,400.	D	АТБ
Her landlord's name is	PAY TO THE ORDER OF	\$
Megan Williams.	UKDEK UF	Ψ
		DOLLAR8
	™≊ио —	⊾⊾?9⊮ ュธ⊾9
On a number line, what is	9 - 11 =	
the number that is 9 spaces right of -5?		Rewrite 7 + -2
		= =
What is the sum of 40 and	Which number has exactly	
815?	Which number has exactly 11 ones?	19,, 26, 31, 37,
		44, 52, 61, 71, 82
l l		

Name:		
Pay the bill!	NATHAN	1140
Nathan received a bill from Central Water for \$177.45.		DATE
Write the check as Nathan would write it.	FAT TO THE ORDER OF	\$
		DOLLAR8
	™®™O I╏╕╕Ⴧ५ݠ?Ⴝ५╕เ╏ ║╹५	7237" 1140
Pay the bill!		
Nathan needs money. He	NATHAN	1141 Date
wants to get \$100 in cash, so he writes a check	рат то тнв	\$
payable to cash in this	ORDER OF	Φ
amount. Write this check.		DOL/DAR8
	™EMO	7237" 1141
Write the least possible 4-digit number using only 3 different numbers.	Is 26 a composite or a prime number?	
		15 + + 24 = 58
(390,625), (78,125),	Which number is a 3-digit even number?	Name the shape with six sides and six angles.
(15,625), (3,125),		
, (125) , (25) ,		
(5)		

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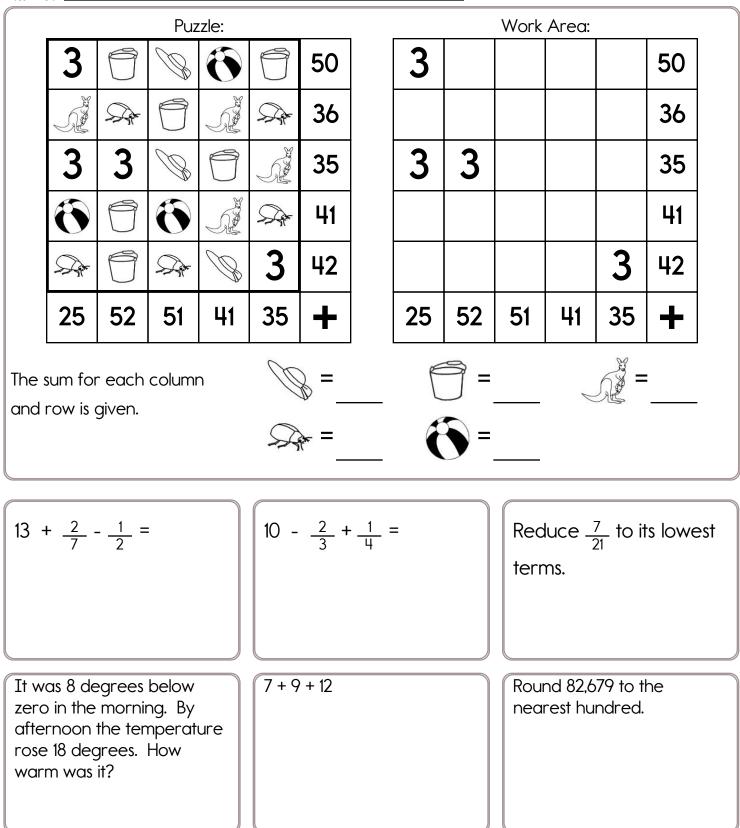
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April 2024 Workbook

Alex made his own coin. On one side, he colored it yellow. On the other side, he colored it blue. Let's assume his coin is fair. Each time he tosses it, there is a 50/50 chance of either color. If he tosses his coin two times, what is the chance that both tosses will be yellow?

Emma and Pam play on the same softball team. Emma was lucky enough to get her favorite number on her jersey. She likes it because the sum of its two digits is 10. If you take Emma's jersey number and reverse the digits, you would get Pam's jersey number. Pam has the smaller jersey number. It is 36 less than Emma's. What could their jersey numbers be? Jason used a gift card to purchase a custom baseball jersey. Unfortunately, he needs to wait. The seller said he should receive it in 1 to 3 weeks. If today is March 28, what would be the latest date that the package might arrive?

A class is practicing handshakes. There's a total of ten people in the class. Each student has to shake hands with everyone in the class exactly once at the start of class and once at the end of class. Emily is in the class. What is the total number of handshakes that Emily will give?



Name:	
How many growls are equal	to 8 chuckles?
	8 chuckles = 20 roars 5 roars = 4 purrs 2 purrs = 3 growls
32 ÷ -8 =	-10 ÷ 2 =
How much time is it from 6:00 a.m. to 11:45 a.m.?	Round the decimal 0.575 to the nearest hundredth. $5 \div \frac{1}{9}$
Insert punctuation marks into this sentence. Patrick Henry told the Virginia Convention Give me liberty, o give me death	What time is 13 hours after 2:00 a.m.?

Name:		
How many moos are equal to	o 15 clucks?	
	15 clucks = 6 squeaks 12 squeaks = 6 gobbles 9 gobbles = 36 moos	
4 + 1 - 2	How much money is 1 quarter, 1 dime, 1 nickel, and 8 pennies?	What 4 coins add up to 50 cents?
Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?	(10 + 5) - 7 - 2	A rectangle is 32 cm on one side and 15 cm on another side. What is the perimeter?
Add the correct end punctuation t this sentence. I haven't seen the new cartoo movie yet, have you	7 x 8 =	

Name:	
Holly and Wendy each want to buy \$112 rugs for their rooms. Who will be	Which amount of time is shorter?
able to buy it first?	290 minutes or 5 hours?
Holly has \$33 saved. She earns \$13 each week and plans to save it all for the rug.	550 minutes or 8 hours?
Wendy has \$35 saved. She earns \$10 each week and plans to save it all for the rug.	
	357 seconds or 5 minutes?
	1 hour = minutes
	1 minute = seconds
Two games require players to collect gold coins. Here is how many coins are needed for each level of the game Umba: Level 1: MMMM Level 2: MMMMMM Level 3: MMMMMMM Coins needed for each level of the game Yinka:	Sara is doing some mental math. She picked a number from a hat. Then she added 3 to that number. She then multiplied the sum by 4. The result she got was 20. What number did Sara start with?
Level 1: MM Level 2: MMMMM Level 3: MMMMMMM Did you notice each game follows a pattern? Which game would require the most coins to complete level 6?	Ava picked a number from the hat and did the same thing, but her result was 16 more than Sara's result. What number did Ava start with?
Each M is equal to 3 gold coins.	

Name:	
997 exceeds eleven times a number by 51. What is the number?	Twenty-eight less than a number is thirty-seven. What is the number?
Forty-four more than 7 times a number is 93. What is the number?	Eleven times a number, increased by three, equals fifty-eight. What is the number?

Find the way from START to END by passing through EVERY number that is a multiple of fourteen exactly ONCE. Cross off each box that is NOT a multiple of fourteen. Yes, that means you have to go through ALL the multiple of fourteen boxes. Wow!

You are not allowed to go diagonally. Good luck!

START	42	623	974	97	590	355
601	980	924	588	826	364	574
630	686	294	854	658	168	546
784	469	925	293	868	462	994
770	64	683	610	602	28	84
266	748	865	952	322	854	840
980	252	14	938	280	0	56
336	742	316	602	336	218	208
448	504	350	980	854	113	765
868	224	112	747	560	966	END

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

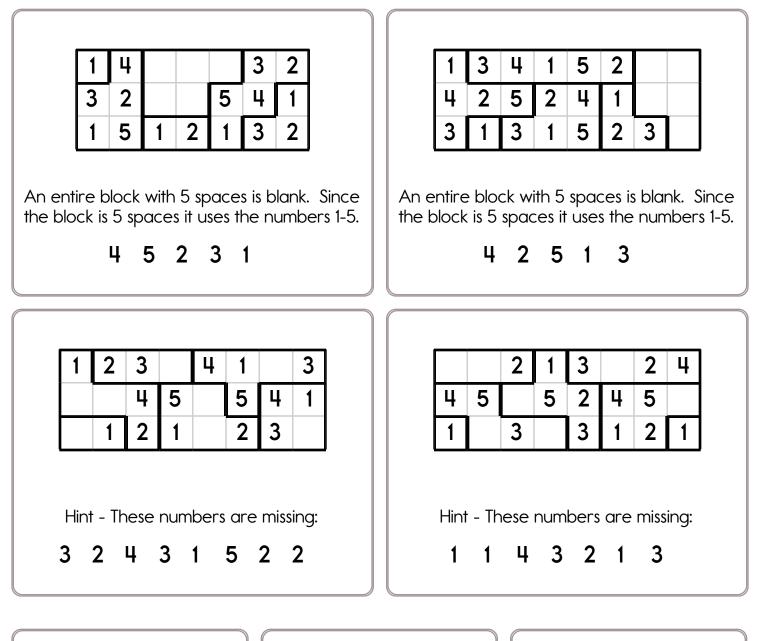
Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.



 $8 - \frac{1}{4} + \frac{3}{11} = 12 - \frac{1}{5} - \frac{2}{7} = 3 + \frac{1}{2} + \frac{8}{9} =$ edHelper.com/math\_worksheets.htm April 2024 Workbook

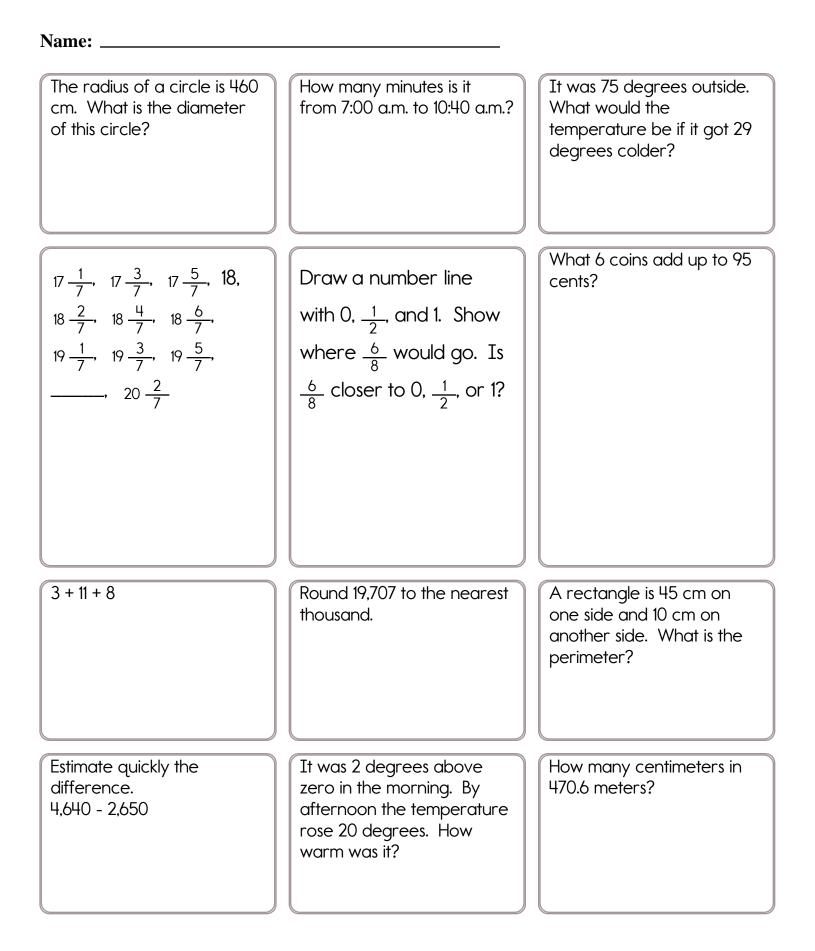
Hir	ich row, nt: Look ashed lir	for sud	n, and bo oku sum	ox must h	t <b>u Sums</b> have the um of th	e numbe	rs 1 thro oxes insid	ugh 9. de of th	е
He	ere is ar	ı examp	ble of a s	udoku si	um of 10	2	8		
	4 8 7 6 9								
			·····			8		3	7
	9		7					4	
	6							7	
			4	5	7				
	7	3	5		2		8		
		5	9				3		
							9	1	
				2		3	· · · · · · · · · · · · · · · · · · ·	5	6

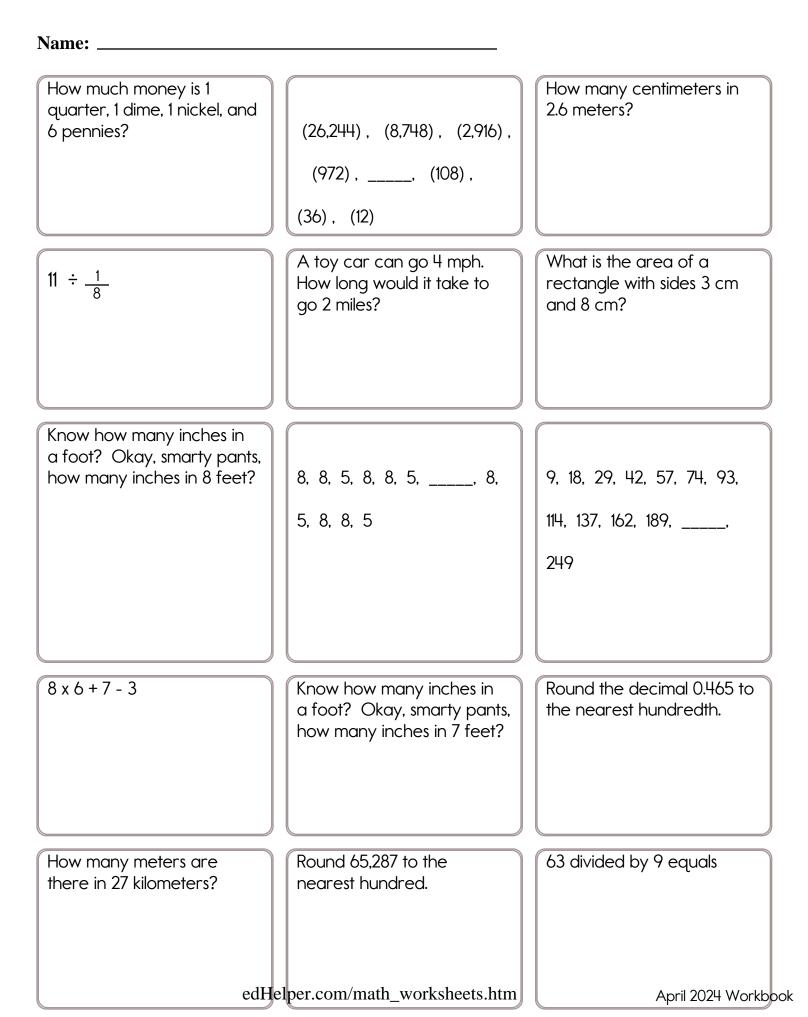
In the number 78,342,814,999, the digit 1 is in what place?

Name: \_\_\_\_\_

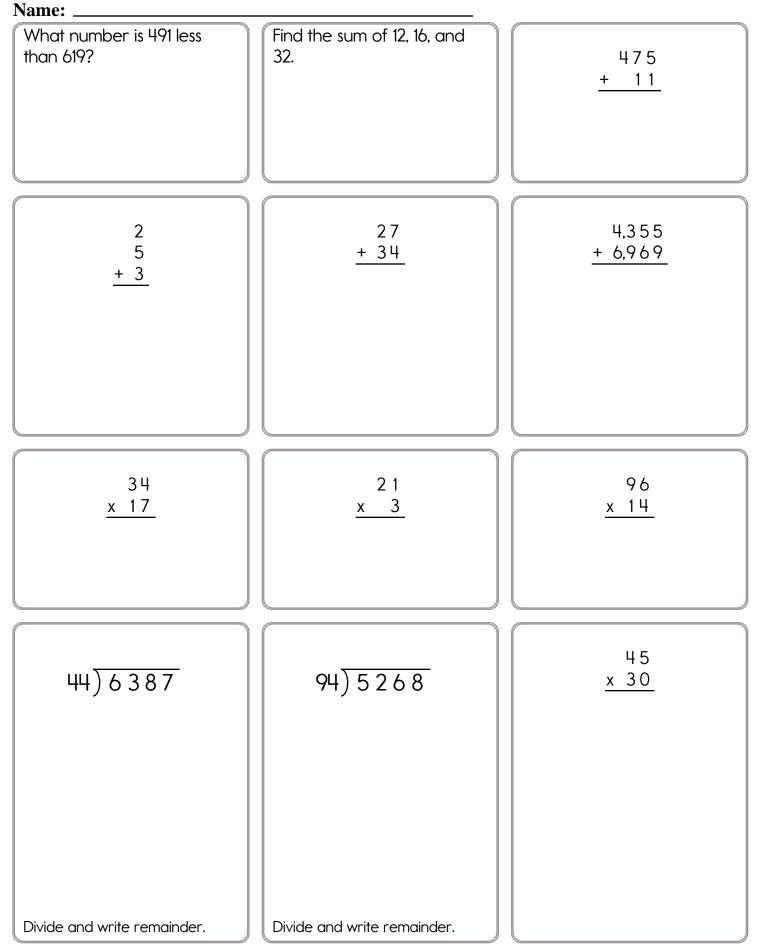
Circle the digit in the tenths place.

997.851





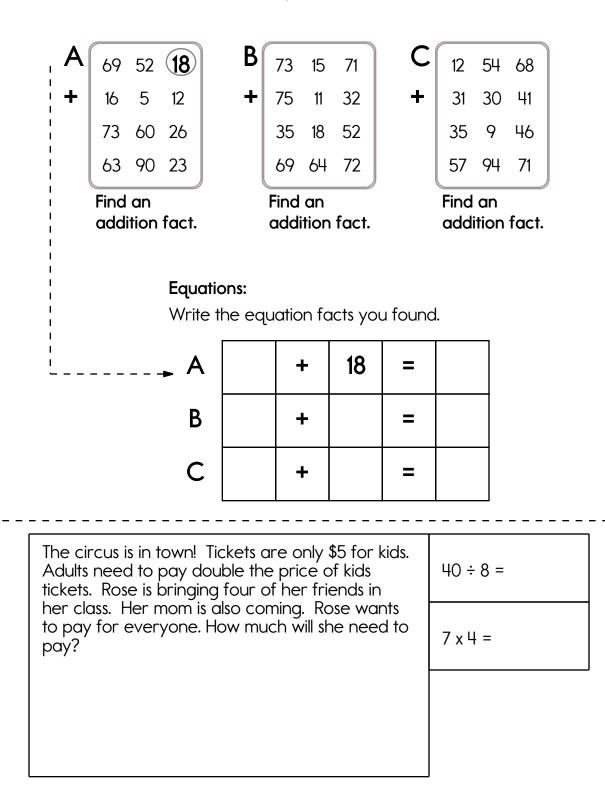
#### edHelper



Emily has 30 coins. The total value of the coins is \$3.50. All she has are nickels, dimes, and quarters. She only wants nickels and dimes, so she gave her brother all of her quarters. There was a total of 4 quarters. How many nickels does she have?

$1\frac{2}{3}$	1 <del>_4</del>	$2\frac{1}{3}$	$2\frac{1}{7}$	$1\frac{1}{2}$	$1\frac{1}{8}$	2 1
Name two a	of the above nur	mbers that ha	ave a sum of ;	2 <u>- 19</u> .		
Which numb	er has exactly	Ts 749 clo	oser to 700 or	8002		
3 tens?					B, G,	_, Q, V

Ready to make equations? There is a missing equation in each box. Circle the numbers once you find it!



I needed to spin \_\_\_\_\_ time(s) to finish.





Get a fidget spinner! Spin it.

For this page calculate a dog's life as follows:

First year of dog's life is 15 human years.

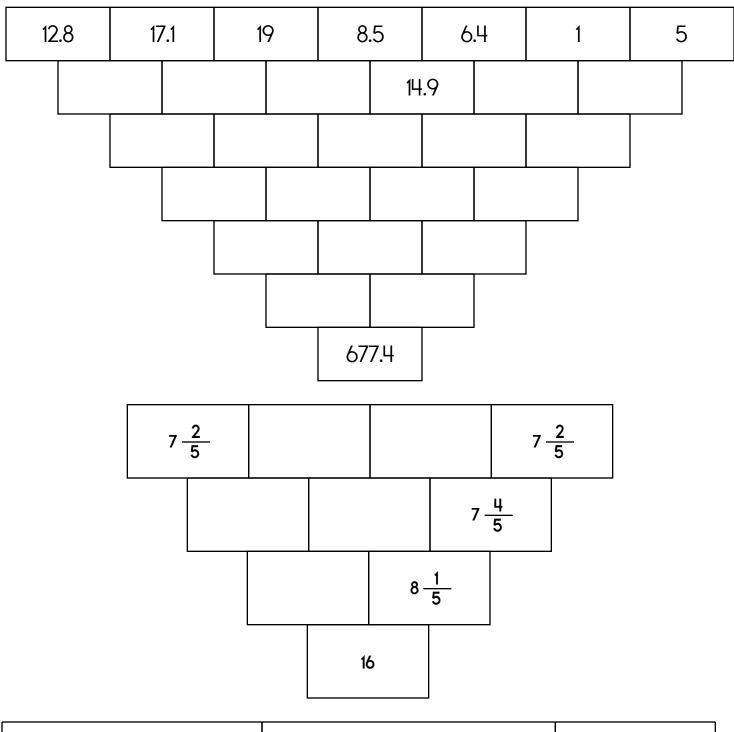
Second year of dog's life is 9 human years.

Every other year of dog's life is 5 human years.

Human Years: <u>9</u> Human Years: <u>12</u> Human Years: <u>1</u> Human Years: <u>5</u> Dog's Age: <u>74</u> Dog's Age: \_\_\_\_\_ Dog's Age: \_\_\_\_\_ Dog's Age: \_\_\_\_\_ Human Years: <u>1</u> Human Years: <u>11</u> Human Years: <u>4</u> Human Years: \_\_\_\_\_ Dog's Age: \_ Dog's Age: <u>29</u> Dog's Age: \_\_\_\_ Dog's Age: \_\_\_\_ Human Years: <u>6</u> Human Years: \_\_\_\_\_ Human Years: \_\_\_\_\_ Human Years: \_\_\_\_\_ Dog's Age: <u>24</u> Dog's Age: <u>64</u> Dog's Age: <u>59</u> Dog's Age: \_\_\_\_



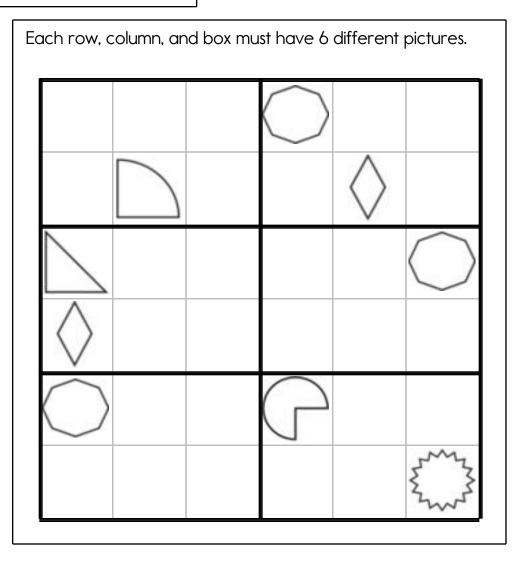
The block below is the sum of the two blocks above. Fill in the missing blocks.



Circle the smallest number: 9,078,530,926 37,180,536 46,529 4,281	Insert punctuation marks into this sentence. James told Ethan The test wasn't really all that hard.	36 ÷ 9 =

Each row, column, and box must have the numbers 1 through 6. The first box is done.

4	2	1		3	
3	6	5	1	4	
				2	
	3		6		
				1	
1	5	3			



Name:	
Two-thirds of a number equals 48. What is the number?	The sum of twenty-five and forty-eight is seventy more than a number. What is the number?
Thirty-seven less than three-fifths of a number equals 53. What is the number?	Eighteen exceeds one-third of a number by 13. What is the number?

# Name: \_\_\_\_\_

Simplify by combining like terms.

9d + 12d	13w + 4w - 2w
21d	
22h - 2h - 5h	5d + 9d
8w - 3w	3b + 11b
11g + 6g + 9g	h + 7h
9d - 4d	20h - 4h + 5h
8w - w	14d + 6d - 5d

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 subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

1	2-	3-		2-
2-	1	3	2-	
	3-			2- 5
2-	2	3- 4		
	3-		3-	1

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

5= 2	4= 2
3 = 2	1 = 3
2 = 3	1 = 3
2 = 2	2 = 3

