

Draw a line from START to END.

33 3 88

36

Cross out the number you use above and then write it below.



MathWorksheets.com Week of October 12

Name:	
What number is missing from the following sequence? 8, 72, 648,, 52488, 472392 A) 5832 B) 7807 C) 37691 D) 17752	ninety thousand forty = A) 4009 B) 49000 C) 90040 D) 9040
Which answer has the greatest unit size? A) 39 lb B) 6 tons C) A and B are equal.	A polygon has nineteen sides. How many vertices does the polygon have? A) 19 B) 18 C) 20 D) 29
What is the sum of the greatest number of degrees in an obtuse angle added to the least number of degrees in an obtuse angle? A) 180 B) 78 C) 270 D) 450	6636 - 2,289 = A) 1,347 B) 4,347 C) 4,241 D) 4,747

Mrs. Young bought 22.45 pounds of tomatoes for the Hamburger Day Cookout. The tomatoes cost \$0.64 per pound. What was the total cost of the tomatoes?	Emily is using a map scale to find the distance to Atlantic Beach. The map scale is 1 inch = 50 miles. On the map, it is 2 $\frac{1}{4}$ inches from her home to Atlantic Beach. How many miles is it?	Hannah and her friends wanted to play Cat and Mouse. Hannah was chosen to be the cat and Amy was chosen to be the mouse. The rest of the girls joined hands and made a big circle. The diameter of the circle was 9 feet. What was its circumference? Round your answer to the nearest hundredth.

Anna bought a bouquet of 25 flowers. She gave one to the clerk at the supermarket, one to the woman who delivers the mail, and one to the policeman at the corner. She gave out flowers all day and could still think of other people she would like to have flowers! The bouquet of flowers cost \$12. What was the cost of each flower? Round your answer to the nearest hundredth.

In 2000, the British Museum paid £50,000 for a 700-year-old statuette found in Hertfordshire. If the exchange rate was one British pound equals 1.84 U.S. dollars, how much did the British Museum pay for the statuette in dollars?

12 x 9 = _____

120 ÷ 12 =

24 ÷ 4 = _



1 kg = 1,000 g

19 kg = _____ g

12 x 10 =

Rosa cannot open her locker. 11 x 4 = She knows that the three 27 km = _____ m numbers are: 19, 36, and 12, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them. For 8,782,924,391, write the 661 20 digit that is in the hundred - 630 thousands place. + 4 4 The letters H and O each Can 299 be evenly divided by 3? Circle: have a line of symmetry. 299 is evenly divisible by 3 Name another letter 299 is NOT evenly divisible by 3 between H and O that has a line of symmetry.

44,571 - 39,232 =	 360 +364	92 <u>- 39</u>



 $8 \times 10 =$

Name: _





Name:			
54)270	54)1189	60)540	72)1296
8)98	54)1890	56)672	4)144
33)1475	21) 513	32)1734	9)378

(4,096),, (256), (64), (16), (4), (1),	How many centimeters in 5.8 meters?	6, 8,, 12, 14, 16, 18, 20, 22, 24
$\frac{1}{4}$, $\frac{1}{16}$, $\frac{1}{64}$		
38 + n = 57	48 ÷ 12 - 1	How many centimeters in 760.9 meters?



Find the way from START to END by passing through EVERY number that is a multiple of five exactly ONCE. Cross off each box that is NOT a multiple of five. Yes, that means you have to go through ALL the multiple of five boxes. Wow! You are not allowed to go diagonally. Good luck!

START	87	125	180	230	349	682	16	687	979
780	665	5	719	795	343	786	571	843	584
700	880	185	460	860	430	20	735	840	63
95	85	865	610	970	326	939	670	675	459
880	60	605	630	875	944	912	175	420	175
260	920	775	840	830	765	220	375	615	195
700	940	155	90	865	575	605	217	460	300
915	960	513	735	970	370	755	835	720	960
900	500	955	275	978	598	918	770	301	40
495	895	40	120	170	965	735	550	539	END

France, the Netherlands, Japan, and Russia were awarded gold (9, 6, 5, and 8), silver (8, 3, 9, and 7), and bronze (5, 3, 6, and 2) medals. Figure out how many of each type of medals were won by each of the four countries.

For example, country x may have won 9 gold, 9 silver, and 3 bronze medals. However, if country x won 9 gold medals, that means country z did not win 9 gold medals. Instead, country z may have won 6 gold medals.

Use the clues to figure out the number of medals awarded to each country.

- 1. France won fewer bronze medals than silver medals. France also won fewer bronze medals than gold medals.
- 2. Japan won either five or six bronze medals.
- 3. Russia won either six or eight gold medals.
- 4. One country won nine gold medals. The same country also won eight silver medals.
- 5. the Netherlands won two silver medals in speed skating as well as three silver medals in cross-country skiing.
- 6. France won a total of eleven medals.
- 7. One country won an even number of bronze medals and three silver medals.
- 8. France won either three or seven silver medals.
- 9. Russia won a total of twenty-one medals.
- 10. the Netherlands won the fewest gold medals.
- 11. the Netherlands won either seven or nine silver medals.
- 12. Japan won the most gold medals.

France won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

the Netherlands won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Japan won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Russia won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

word root cede can mean go recede, precede

Cross off the number that does NOT belong. 488976, 897648, 764889, 488976, 897648, 764889, 488976, 897648, 764889, 488976, 897648, 764889, 764889, 488976, 897648 Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

5.9, 12.9, 8.8, 27.6, 49.3, 85.7, 162.6, 283.6,

297.6, 545.9, 1006.1, 1849.6, 3401.6, 6257.3, 11508.5

Why does _____ not belong in the pattern?

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

A, K, B, L, C, M, D, N, E, O, ___, ___, G, Q F, L, G, M, ___, N, I, O, J, P J, G, K, H, L, I, M, ___, ___, K

Complete each pattern. Write what the rule is.

11.3	22.6	33.9
45.2	56.5	
79.1	90.4	

Name: _____

Ec Hir dc	ich row, nt: Look ashed lir	, column for sude nes is 12.	, and bo oku sum:	Suda ox must s. The s	bku Sum: have the sum of th	s of 12 e numbe ne two bo	rs 1 thrc oxes insi	ugh 9. de of t	he	
He	ere is ar	n examp	le of a si	udoku s	sum of 12	2: 4	8			
		5			6					
		4	7	8			6			
	6	2			1			4		
			6		3				5	
	3	9		5	8				2	
			1	3						
						7				
	2	3				1	8		6	

Reduce $\frac{4}{24}$ to its lowest

terms.

 $15 + \frac{5}{7} + \frac{1}{2} =$

Reduce $\frac{45}{75}$ to its lowest terms.

Name: _____

Ea	ach row, column, and box must have the numbers 1 through 9.											
		2			3	4			9			
			5				2					
					7	5	6	1				
			3			1			6			
	4							8				
		1	2	5	8				4			
		5			4				1			
						7						
	1	9	6				4		7			

 $6 \div \frac{1}{7}$

What is the area of a rectangle with sides 3 cm and 9 cm?

80 divided by 8 equals

In the number 505,281,224,748, the digit 0 is in what place?

15 ÷ 5 = _____

<u>11 x 9 = _</u>

Name: .

Alexander and his friends William, John, and Daniel went to the pizza store and bought three whole pizzas. Each pie had nine slices. Figure out how many slices each person ate. Eight slices were not eaten. They ate 1/3 of a pie, 4/9 of a pie, 5/9 of a pie, or 7/9 of a pie.

- 1. Daniel was the one that ate 5/9 of a pie.
- 2. William was the one that ate 4/9 of a pie, which was one more slice than Alexander and one less slice than Daniel.
- 3. John had more pizza than Daniel.

Alexander ate	slice(s).
William ate	slice(s).
Daniel ate	slice(s).
John ate	slice(s).

_			Puz	zle:					Work	Area:		<u> </u>
	È		and the		%	30						30
	*	×	dit.	dit it	All	34						34
	A	All a	×	Ú	*	35						35
ĺ		÷	All a	\square	×	32						32
		÷			\bigcirc	27						27
	30	37	31	21	39	+	30	37	31	21	39	+
= s	um for	each	columr	٦	and the second s	9 =	 ×	-		Ċ	€ €	:
٦r	OW IS C	given.			R.) =	Ś			L		:

Complete each pattern. 3, 3, ____, ___, O, 3, 3, E, E, O, 3, 3, E, E, O, 3 V, k, 6, 6, j, j, V, k, 6, 6, j, j, V, k, 6, ____ Find the missing numbers. These both have the same rule. What is the rule? If If 1,1=1 7.7 = 492, 2 = 48,8=64 3,3=9 9.9=81 4.4 = 16 10,10 = 100 Then Then

11 , 11 = ?

This week, from Sunday until Wednesday, the school drama team sold adult and student tickets to their play. The person in charge of selling the tickets kept a record of the number of adult and student tickets sold on each day. However, she forgot which day the tickets were actually sold. She knows how many adult tickets were sold (seven, twenty-eight, forty-one, and nineteen tickets) and how many student tickets were sold (forty-five, thirty, forty-eight, and forty-two).

Figure out how many student and adult tickets were sold on each day.

1. The student seats sold on Sunday must be split up into groups that are all the same size.

If the minimum group size is two people and the maximum group size is nine people, then based on the number of tickets sold on Sunday only five different group sizes were used.

- 2. The greatest common factor of the number of student seats sold on Monday and Wednesday is three.
- 3. The least common multiple of the number of adult seats sold on Sunday and Monday is seven hundred seventy-nine.
- An odd number of adult tickets and an even number of student tickets were sold on Tuesday.
- 5. A prime number of adult seats was sold on Monday.
- 6. A prime number of adult seats was sold on Tuesday.
- On Sunday a total of ______ adult tickets and ______ student tickets were sold.
- On Monday a total of ______ adult tickets and ______ student tickets were sold.
- On Tuesday a total of ______ adult tickets and ______ student tickets were sold.
- On Wednesday a total of ______ adult tickets and ______ student tickets were sold.

How many meters are there in 64 kilometers?

It was 6 degrees above zero in the morning. By afternoon the temperature rose 29 degrees. How warm was it? The perimeter of a rectangle is 18 cm. The longer side is 6 cm. How long is the shorter side?

Ea Hir dc	ich row, nt: Look ashed lir	, columr for sude nes is 6.	n, and bo oku sums	Sudo ox must I s. The s	ku Sums have the um of th	e of 6 e numbe le two bo	rs 1 thrc oxes insi	ugh 9. de of tl	ne
He	ere is ar	n examp	le of a si	udoku s	um of 6:	3	3		
	8				9	1			
			2			8			
		9		7			3		
	9	4	8		3		2		
		3	5		4		6		1
	2							3	
	1			6	8	9			
		2							8
				2	5			6	3

Write the ratio as a fraction in lowest terms. 12 phones to 29 computers

Change to a percent.

Write the ratio as a fraction in lowest terms. 10 dimes to 5 nickels

<u>20</u> 10

Example: Example: 8.4 + 3.2 + 25.4 + 6.9 = 43.9 0.3 + 25.4 + 6.9 + 7.4 = 4025.4 7.4 6.9 Sample: 8.4 40 25.4 43.9 3.2 0.3 29.5 is the sum is the sum is the sum 6.9 18.6 7.4

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 18.6, 25.4, or 15.2. The other three numbers have to all be DIFFERENT and must be from these: 3.2, 7.4, 1.1, 6.9, 8.4, or 0.3.



This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 14.2, 11.3, or 19.1. The other three numbers have to all be DIFFERENT and must be from these: 9.8, 4.2, 1.9, 7.6, 2.4, or 8.9.





