		Mini-Mathletes 2014
Practice Cip	ohering	
Name:		
Grade:	<del></del>	
Evaluate:		
	$\frac{\frac{3}{8} + \frac{7}{8}}{\frac{4}{5}} = ?$	
	4 — : 5	
		ANSWER:
<b>-</b>	10 points	

		Mini-Mathletes 2014
Practice Cipl	hering	
Name:		
Grade:		
Evaluate:	$\frac{\frac{3}{8} + \frac{7}{8}}{\frac{4}{5}} = ?$	
		ANSWER:
5 points	10 points	

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #1	Ciphering #1
Name:	Name:
Grade:	Grade:
If Alexis slices a pie into ten equal pieces and then eats three pieces, what percent of the pie is left?	If Alexis slices a pie into ten equal pieces and then eats three pieces, what percent of the pie is left?
ANSWER:  5 points 10 points	ANSWER: 5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #2	Ciphering #2
Name:	Name:
Grade:	Grade:
How many triangles are in this figure?	How many triangles are in this figure?
ANSWER:	ANSWER:
5 points 10 points	5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #3	Ciphering #3
Name: Grade:	Name: Grade:
Aunt Anna is 40 years old. Caroline is 6 years younger than Brianna, and Brianna is half as old as Aunt Anna. How old is Caroline?	Aunt Anna is 40 years old. Caroline is 6 years younger than Brianna, and Brianna is half as old as Aunt Anna. How old is Caroline?
ANSWER: 5 points 10 points	ANSWER:  5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #4	Ciphering #4
Name:	Name:
Grade:	Grade:
Emily's pool contains 200 gallons of water. If water evaporates at the rate of 0.5 gallons per day (and no other water is added or removed), how many gallons of water will be in the pool after 24 days?	Emily's pool contains 200 gallons of water. If water evaporates at the rate of 0.5 gallons per day (and no other water is added or removed), how many gallons of water will be in the pool after 24 days?
ANSWER:	ANSWER:
5 points 10 points	5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #5	Ciphering #5
Name:	Name:
Grade:	Grade:
Find the $20^{\text{th}}$ term of the following sequence:	Find the 20 <sup>th</sup> term of the following sequence:
5, 7, 15, 17, 25, 27,	5, 7, 15, 17, 25, 27,
ANSWER:	ANSWER:
5 points 10 points	5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #6	Ciphering #6
Name:	Name:
Grade:	Grade:
What is the reciprocal of the sum of the reciprocals of 4 and 5? (Express your answer as a common fraction.)	What is the reciprocal of the sum of the reciprocals of 4 and 5?  (Express your answer as a common fraction.)
ANSWER:  5 points 10 points	ANSWER:  5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #7	Ciphering #7
Name:	Name:
Grade:	Grade:
If paper clips cost 48¢ a dozen, then? paper clips cost \$1.	If paper clips cost 48¢ a dozen, then? paper clips cost \$1.
ANSWER:	ANSWER:
5 points 10 points	5 points 10 points

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #8	Ciphering #8
Name:	Name:
Grade:	Grade:
'X' represents a digit. What value of 'X' makes this a correct addition problem?  2 X  X X  + 2 4  1 0 4	'X' represents a digit. What value of 'X' makes this a correct addition problem?  2 X
ANSWER:	ANSWER:
5 points 10 points	5 points 10 points

## Mini-Mathletes 2014 Ciphering #9 Name: Grade: \_\_\_\_\_ The triangle shown below is isosceles (side AB = side AC). Angle A is 40°. Find the measure of angle B in degrees (°). **ANSWER:** 5 points 10 points

	Mini-Mathletes 2014
Ciphering #9	
Name:	
Grade:	
The triangle shown below is isosceles ( Angle A is $40^{\circ}$ . Find the measure of ang	
A 40°	
$\sim$ C	
В	ANSWER:
5 points 10 points	

Mini-Mathletes 2014	Mini-Mathletes 2014
Ciphering #10	Ciphering #10
Name:	Name:
Grade:	Grade:
What is the volume, in cubic units, of a cube whose surface area is 600 square units?	What is the volume, in cubic units, of a cube whose surface area is 600 square units?
ANSWER:  5 points 10 points	ANSWER:  5 points 10 points