# ABEL MATHEMATICS CONTEST

GRADES 4 AND 5

**MAY 2010** 



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#### Instructions

- 1. Calculators may be used.
- 2. Circle the correct answer.
- 3. Transfer your answer to the answer form in dark pencil.
- 4. The time limit for the test is one hour.



1.	9 + 80 + 700 +600	0 =				
A.	6789	В.	6798	C.	9876	D. 30 000
2.	Jennifer's teacher teacher?	r is 2	6 years older than	Jen	nifer. Jennifer is 9	9. How old is Jennifer's
A.	34	В.	35	C.	36	D. 37
3.	$(1 \div 1) \times (2 \div 2) \times$	×(3	$\div 3) \times (4 \div 4) =$			
A.	1	В.	4	C.	10	D. 24
4.	In square ABCD's perimeter of this s		n at the right, <i>AB</i> = re?	= 3.	What is the	B C
	_					A D
A.	3	В.	6	C.	9	D. 12
5.	A string of length of the 3 pieces?	12 i	s cut into 3 pieces	of ed	qual length. What	is the sum of the lengths
A.	3	В.	4	C.	9	D. 12
6.	How many whole	nun	nbers from 1 to 100	) are	e divisible by 3?	
A.	3	В.	30	C.	33	D. 34
7.	A whole number i	s mu	ıltiplied by 16. Th	e pr	oduct could <i>never</i> b	oe
A.	*		48			D. 80
8.	The first odd who number?	le nı	umber is 1, the seco	ond	is 3, and so on. W	hat is the tenth odd whole
A.	21	B.	19	C.	17	D. 11
9.	$2 \times 3 \times 4 \times 5 = 3 \times$	4 x	5 х <u>?</u>			
A.	2	В.	3	C.	4	D. 5

10.	. Anthony is twice as old as Stephanie and Stephanie is twice as old as Wally. If Wally is 12 years old, how old is Anthony?						
A.	3	В.	6	C.	24	D. 48	
11.	The next number	in th	e sequence 1, 3, 7,	13,	21, is	•	
A.	31	В.	33	C.	35	D. 37	
12.	A man needs six p How many meters					e is sold only by the meter.	
A.	13	В.	.14	C.	18	D. 1308	
13.	How many hundre	eds a	are there in 1 000 0	00?			
A.	1 million	В.	1 thousand	C.	10 thousand	D. 100 thousand	
14.	If today is Tuesday	y, wl	nat day was it 76 da	ays a	ago?		
A.	Monday	В.	Tuesday	C.	Wednesday	D. Thursday	
15.	What is the ones'	digit	of $(100 \times 9) + (20 \times$	$0 \times 1$	$9) + (3 \times 9)$		
A.	0	В.	7	C.	8	D. 9	
16.	I own 5 plastic din then how many str					ipes on each dinosaur leg,	
A.	12	В.	15	C.	20	D. 60	
17.	In a dog race, my of from the last). If t					st (which was also 7th race?	
A.	7	В.	13	C.	14	D. 15	
18.	Square <i>ABCD</i> is didiagram. The perime	mete	er of each of the for				
A.	8	В.	12	C. 1	16 I	D. 20	

19.	A square she pieces can b		f paper is cut along a st	raig	ht line in	to•two j	pieces. Neither of these two	0
A.	pentagon	В.	triangle	C.	rectangl	le	D. square	
20.	How many r	recta:	ngles are pictured in th	iis di	agram?			
A.	7	В.	9	C.	16		D. 18	
21.	If a chicken lay a total of			how	v many m	inutes	does it take 3 chickens to	
A.	$\frac{1}{3}$	В.	1	C.	3		D. 9	
22.	example, the	nun	y word or number whi nber "12321" and the w etween 100 and 1000 a	ord	"level" a	re both	orwards or backwards. For palindromes. How many	
A.		В.		_	90		D. 99	
23.	What is the sided die?	prob	ability of rolling a num	ber i	less than	five on	the first roll of a fair, six-	
A.	4	В.	$\frac{2}{3}$	C.	$\frac{5}{6}$		D. $\frac{1}{2}$	
24.	season. The scored by ea	grap ch pl	ed goals in the last 10 gosh shows the number of ayer. What was the togy the players in the last	f goa tal n	als aumber	Goals Scored	Players	
A.	6 .	В.	10	C.	15		D. 16	
25.					=	_	buys 2 pens and has 80¢ count of money did each	
Α	40¢	В	\$1.30	C	25 <sub>¢</sub>		D \$1.80	

Name:	

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## **Answer Sheet**

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.
				·
11.	12.	13.	14.	15.
	· •			
16.	17.	18.	19.	20.
21.	22.	23.	24.	25.

KEY
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## **Answer Sheet**

1.	A	2. <b>B</b>	3. <b>A</b>	4. <b>D</b>	5. <b>D</b>
6.	C	7. <b>1</b> C	8. <b>B</b>	9. <b>A</b>	10. <b>D</b>
11.	A	12. <b>B</b>	13. <b>C</b>	14. <b>C</b>	15. <b>B</b>
16.	D	17. <b>B</b>	18. A	19. <b>D</b>	20. D
21.	В	22. C	23. <b>B</b>	24. <b>D</b>	25. B