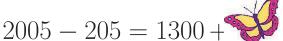
Ecolier

3-Point-Problems

1. (E3.6) A butterfly sat down on a correctly solved exercise. What number is the butterfly covering?



- (A) 250
- **(B)** 400
- $(\underline{\mathbf{C}}) 500$
- **(D)** 910
- (E) 1800

2. (RO E.5) Peter is turning the triangle around point P as shown in the picture. In which position the triangle will appear after 17 moves?





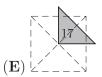










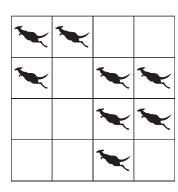


3. (E4.5) Erika bought cookies, each of them costs 3 euros. She gave 10 euros and obtained 1 euro of the change. How many cookies did Erika buy?

- $(\mathbf{A}) 2$
- $(\underline{\mathbf{B}})$ 3
- (C) 4
- (**D**) 5
- (\mathbf{E}) 6

4. (E4.31) There are eight kangaroos in the cells of the table (see the picture). Find the least number of the kangaroos which have to jump into the other cells so that exactly two kangaroos remain in any row and in any column of the table.

- (A) 4
- **(B)** 3
- (C) 2
- (**D**) 1
- $(\mathbf{E}) 0$



` /	0	r home with father, s the total number of	*	ne dog, two cats, two er have?
(\mathbf{A}) 22	$(\underline{\mathbf{B}}) 24$	(C) 28	(D) 32	$(E) \ 40$
of 1×1 cm. I	He has eaten al	ate tablet consisting or ready some pieces in es John still have?		11 cm
(\mathbf{A}) 66	(B) 64	C) 62 $(D) 60$	(E) 58	8 cm
he fills one buc	cket from a fauc		to the tank he spills	of water. At each trips one half of the water.
(\mathbf{A}) 4	(\mathbf{B}) 5	(\mathbf{C}) 6	(D) 7	$(\underline{\mathbf{E}})$ 8
` /	at is the smalle ne brother and	=	f children in the Jor	nes family if each child
(\mathbf{A}) 2	(B) 3	$(\underline{\mathbf{C}}) 4$	(\mathbf{D}) 5	(\mathbf{E}) 6
4-Point-Pr		calle of the trainer the	a manufactoria the cir	roug formed 6 norms In
every row the	re were 4 monk		whistle they have	ccus formed 6 rows. In rearranged themselves whistle?
$(\mathbf{A}) \ 1$	(B) 2	$(\underline{\mathbf{C}})$ 3	$(\mathbf{D}) 4$	(\mathbf{E}) 5
different. The		t is double the units		even. All its digits are git is higher than the
(A) 1246	$(\underline{\mathbf{B}})$ 3874	(C) 4683	$(\mathbf{D}) \ 4874$	(E) 8462
•	•	ce of paper has been re on the right. Wha		
(\mathbf{A})	$(\underline{\mathbf{B}})$	(C) (D) ∠	(E)	Δ
` '		cces of paper. Some of per. How many pieces		hree parts. Altogether, s?
$(\mathbf{A}) \ 1$	(B) 2	$(\underline{\mathbf{C}})$ 3	(\mathbf{D}) 4	(\mathbf{E}) 5

Alice sat on th	e number 24,	the flea Betty s	sat on the	number 66. F	they got tired, t inally, the flea C Cynthia sitting	Cynthia			
$(A) \ 33$	(B) 35	(C) 4	2	$(\underline{\mathbf{D}}) 45$	(E) 48				
14. (ENP.6) A The path has e of the path is 8 the width of th (A) 1 meter (C) 4 meter	verywhere the meters longer	same width. T	he outside	edge	outside	?			
,	on the measur	rements of the	garden			,			
15. (E4.10) In	a trunk there old coins. The	e are 5 chests, i trunk, the ches	n each che		boxes, and in ea				
(\mathbf{A}) 5	(\mathbf{B}) 6	(C) 7	,	$(\underline{\mathbf{D}})$ 8	$(\mathbf{E}) 9$				
 16. (E4.12) Two cats Tiny and Tony and two dogs Dim and Dill meet each other sometimes. Tiny is afraid of both dogs, and Tony is afraid of Dim and is on friendly terms with Dill. What statement is false? (A) Each cat fears some dog (B) Some cat does not fear some dog (C) There is a dog that frightens both cats (E) There is a dog friendly to both cats 									
5-Point-Pro	oblems								
	nd 80 kg. At le	east how many			r friends weigh: necessary to car				
$(\mathbf{A}) 1$	(B) 2	(<u>C</u>) 3	;	(\mathbf{D}) 4	(E) 7				
18. (E4.34)Us the picture). He matches?	-	-	-	- (
(A) 2	(<u>B</u>) 3	(C) 4	(D) 6	(E) 12	U	or			

19. New Each of seven kangaroo have eaten the same number of sandwiches. The total number of sandwiches they have eaten has a three digits number $3\square 0$. Which is the digit in the middle?



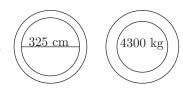


 $(\underline{\mathbf{C}})$ 5

 (\mathbf{D}) 6

 (\mathbf{E}) 7

20. (E5.5 Two traffic signs mark the bridge in my village. These marks indicate the maximum width and the maximum weight aveilable. Which one of the following trucks is allowed to cross that bridge:



- (A) the one 315 cm wide and weighing 4307 kg
- (B) the one 330 cm wide and weighing 4250 kg
- (C) the one 325 cm wide and weighing 4400 kg
- $(\underline{\mathbf{D}})$ the one 322 cm wide and weighing 4298 kg
- (E) it is impossible to determinate

21. (E5.13) The figure shows a rectangular garden with dimensions 16 m and 20 m. The gardener has planted six identical flowerbeds (they are gray in the diagram). What is the perimeter of each of the flowerbeds?

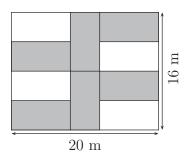




(**C**) 24 m



(E) 28 m



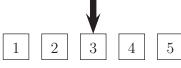
22. (E3.16) Mike choose a three-digit number and a two-digit number. Find he sum of these numbers if their difference equals 989.

- (**A**) 1000
- $(\mathbf{B})\ 1001$
- (C) 1009
- **(D)** 1010
- (E) 2005

23. Five cards are lying on the table in the order 5, 1, 4, 3, 2. You must get the cards in the order 1, 2, 3, 4, 5. Per move, any two cards may be interchange. How many moves do you need at least?

- (**A**) 2
- $(\underline{\mathbf{B}})$ 3
- (C) 4
- (**D**) 5
- **(E)** 6





24. Which of the following cubes has been folded from the plan on the right?

