



# Symmetries

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## Guidelines

**Note:** Every item start from the first number of the item.

**Note:** There isn't the number 0, only numbers from 1 to 9. *Example:*  $4+7=2$

Exceptions: Items number 3; 13, 19, 21, 24, 25, 28

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## Numerical section

### 1

345678912; 234567891;  
123456789; 912345678;  
891234567; 789123456;  
678912345; 567891234; ?

### 2

999999999; 899999991;  
799999922; 699999333;  
599994444; 499955555;  
399666666; 297777777; ?

### 3

210215220; 225230235;  
240245250; 255260265;  
270275280; 285290295;  
300305310; 315320325; ?

## 4

198765432; 128765432;  
124765432; 124565432;  
124575432; 124578432;  
124578132; 124578122; ?

## 5

888881111; 111118888;  
111188888; 777772222;  
222227777; 222277777;  
666663333; 333336666; ?

## 6

832832832; 831831831;  
138138138; 137137137;  
136136136; 631631631;  
630630630; 629629629; ?

## 7

999999999; 199999999;  
991999999; 291999999;  
991929999; 391929999;  
991929399; 491929399; ?

## 8

593714825; 482714714;  
482825714; 371825693;  
371936693; 269936582;  
269147582; 158147471; ?

## 9

222222222; 322222222;  
223222222; 322232222;  
222322322; 322223223;  
332223222; 332622222; ?

## 10

213141516; 722491428;  
111111111; 199319981;  
977333467; 189913991;  
111111111; 824194227; ?

## 11

265483479; 652483479;  
524834679; 248345679;  
482345679; 823445679;  
234456798; 342456798; ?

## 12

739517395; 751395793;  
739593517; 779315395;

751793593; 739597315;  
759315793; 731593597; ?

### **13**

121212121; 000000000;  
353535353; 000000000;  
717171717; 000000000;  
484848484; 000000000; ?

### **14**

385619127; 832127694;  
628943451; 487673259;  
496721218; 467673259;  
628943431; 812127694; ?

### **15**

963963963; 331331331;  
692692692; 387387387;  
919919919; 427427427;  
532532532; 323323323; ?

### **16**

222222222; 221111111;  
114444444; 444444443;  
333333333; 333655555;  
555555555; 555888887; ?

### **17**

649523111; 751821941;  
891921191; 992122212;  
214324444; 658728838;  
587627757; 345425585; ?

### **18**

919374839; 535353535;  
373737373; 252252252;  
686868686; 626262626;  
383838383; 288288288; ?

### **19**

898878868; 868878898;  
818848868; 868848818;  
818808858; 858808818;  
858818888; 818858888; ?

### **20**

146317812; 146371812;  
146718312; 156178313;  
158617313; 158671313;  
168713614; 168173614; ?

### **21**

123456789; 321654987;  
612945378; 492735168;  
537861294; 216549873;  
789123456; 654987321; ?

## 22

864201357; 517315937;  
715936284; 468064208;  
000005555; 753157913;  
739518260; 482684062; ?

## 23

469246924; 446924692;  
692446924; 244692469;  
244692469; 246924469;  
924469246; 692446924; ?

## 24

845678912; 487724438;  
887628438; 647895118;  
887825138; 767234781;  
787824731; 254681239; ?

## 25

123456789; 335129723;  
112591416; 195614061;  
145664246; 726507367;  
195871312; 154346652; ?

## 26

123456789; 000011111;  
001122233; 012344567;  
134689124; 369269258;  
629528417; 258146925; ?

## 27

385484117; 822595694;  
711484583; 496595228;  
711484583; 822595694;  
496595228; 385484117; ?

## 28

331979418; 319873941;  
981471339; 433979811;  
118979334; 933471189;  
349873911; 498173391; ?

## 29

010101010; 111111111;  
101010101; 001110001;  
011100011; 010101010;  
110111011; 100110011; ?

**30**

616161616; 216721671;  
681638163; 141694169;  
116511656; 616261621;  
631673167; 181648164; ?

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Verbal section

**31**

RIGHT : LEFT :: NORD : ( \_ \_ \_ )

**32**

TRIANGLE : THREE :: ZERO : ( \_ \_ \_ \_ \_ )

**33**

COMPUTER : ELECTRICITY :: CAR : ( \_ \_ \_ \_ )

**34**

EMOTIONALITY : CHEERFULNESS : SERENITY :: ( \_ \_ \_ \_ \_ \_ \_ )

**35**

SPACE : TIME : LIGHT :: ( \_ \_ \_ \_ \_ \_ \_ )

**36**

YEAR, HOUSE, WEAK → ( \_ \_ \_ \_ )

**37**

ENCODE : ENCRYPT :: TOMB : ( \_ \_ \_ \_ )

**38**

V, FEATHER, BALL → ( \_ \_ )

**39**

INITIAL : L :: FINAL : ( \_ )

**40**

PSYCHO, BOLT, HARD → ( \_ \_ )

**41**

HEMMORHAGE : INTERNAL BLEEDING :: ENFORCEMENT : ( \_ \_ \_ \_ \_ \_ \_ \_ )

**42**

NATURAL : Z :: INFINITY : ( \_ )

**43**

FRUIT : ROTTEN :: BUILDING : (\_\_\_\_\_)

**44**

SPONGE : LIQUID :: STUDENT : (\_\_\_\_\_)

**45**

TESSERACT, SEASONS, TIME, → (\_\_\_\_)

**46**

PASSWORD, DEATH, GROUND → (\_\_\_\_)

**47**

RIDGE : LIST :: MEETING : (\_\_\_\_\_)

**48**

SPEAKERS : SYMPOSIUM :: BLESSED : (\_\_\_\_\_)

**49**

ROPE : BALANCING POLE :: STAIRS : (\_\_\_\_\_)

**50**

POOL : WATER SLIDE :: BEVERAGE : (\_\_\_\_\_)

**51**

VIDEO PROJECTOR : SCREEN :: GOLFER : (\_\_\_\_\_)

**52**

FLOORS : MEZZANINE :: WORLDS : (\_\_\_\_\_)

**53**

PRIME : R :: NATURAL : (\_\_\_\_)

**54**

STONE, LIGHT, SLOW → (\_\_\_\_\_)

**55**

CAPSULE, TRANSITION, WATER → (\_\_\_\_\_)

**56**

JOURNEY : HIJACKING :: STORY : (\_\_\_\_\_)

**57**

CROSSROAD : TRAFFIC LIGHT :: STAGE : (\_\_\_\_\_)

**58**

TIME : PAST :: SEARCH : ( \_ \_ \_ \_ \_ )

**59**

INSECT , SWEAR, COMB → ( \_ \_ )

**60**

AGEING : FACELIFT : ATTEMPT : ( \_ \_ \_ \_ \_ )

**Thanks!**