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Question: 01

Find the one which does not belong to that group?

A. 3
B. 4
C. 5
D. 9

Answer: B

Explanation:

3, 5, 9 and 7 are odd numbers, but not 4.

Question: 02

Find the one which does not belong to that group?

A. 27
B. 37
C. 47
D. 67

Answer: A

Explanation:

37, 47, 67 and 17 are prime numbers but not 27.

Question: 03

Find the one which does not belong to that group?

A. 16
B. 28
C. 36
D. 64

Answer: C

Explanation:

16, 36, 64 and 4 are perfect squares but not 28.

Question: 04

Find the one which does not belong to that group?

A. 36
B. 49
C. 64
D. 81

Answer: B

Explanation:

$36 = 6^2$, $49 = 7^2$, $64 = 8^2$, $81 = 9^2$ and $100 = 10^2$.

36, 64, 81 and 100 are squares of composite numbers, but not 49.

Question: 05

Find the one which does not belong to that group?

A. 8
B. 27
C. 64
D. 125

Answer: C

Explanation:

$8 = 2^3$, $27 = 3^3$, $64 = 4^3$, $125 = 5^3$ and $343 = 7^3$.

8, 27, 125 and 343 are cubes of prime numbers but not 64.

Question: 06

Find the one which does not belong to that group?

A. 343
B. 121
C. 1331
D. 2197
E. 125

Answer: B

Explanation:

$343 = 7^3$, $121 = 11^2$, $1331 = 11^3$, $2197 = 13^3$ and $125 = 5^3$.

343, 1331, 2197 and 125 are perfect cubes, but not 121.

Question: 07

Find the one which does not belong to that group?

A. 35
B. 48
C. 75
D. 84

Answer: A

Explanation:

48, 75, 84 and 75 are divisible by 3 but not 35.

Question: 08

Find the one which does not belong to that group?

A. 42624
B. 37573
C. 84284
D. 93339

Answer: C

Explanation:

42624, 37573, 74347 and 93339 are palindromes but not 84284.

Question: 09

Find the one which does not belong to that group?

A. 30
B. 27
C. 36
D. 45

Answer: A

Explanation:

27, 36, 72 and 45 are divisible by 9, but not 30.

Question: 10

Find the one which does not belong to that group?

A. 4422
B. 2442
C. 4242
D. 2244

Answer: C

Explanation:

Except 4242, all other numbers are divisible by 11.

Question: 11

Find the one which does not belong to that group?

A. 358
B. 246
C. 134
D. 862

Answer: D

Explanation:

Except in 862, in all other numbers sum of first two digits is same as the last digit.

Question: 12

Find the one which does not belong to that group?

A. 20
B. 42
C. 58
D. 72

Answer: C

Explanation:

$20 = 4^2 + 4$, $42 = 6^2 + 6$, $58 = 7^2 + 9$, $72 = 8^2 + 8$ and $90 = 9^2 + 9$.

20, 42, 72 and 90 can be expressed in $n^2 + n$ form but not 58.

Question: 13

Find the one which does not belong to that group?

A. 30
B. 630
C. 10
D. 520

Answer: B

Explanation:

$30 = 3^3 + 3$, $630 = 5^4 + 5$, $10 = 2^3 + 2$, $520 = 8^3 + 8$ and $130 = 5^3 + 5$.

30, 10, 130 and 520 can be expressed as $n^3 + n$ but not 630.

Question: 14

Find the one which does not belong to that group?

A. 508
B. 328
C. 608
D. 148

Answer: C

Explanation:

The sum of the digits in 508, 328, 706 and 148 is 13, but not in 608.

Question: 15

Find the one which does not belong to that group?

A. Indian
B. Japanian
C. American
D. Brazilian

Answer: B

Explanation:

Except Japanian, all others are appropriate usage of citizenship.

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THANK YOU