

1. Find the odd man out. 1, 3, 9, 12, 19, 29

- A. 12 B. 9
C. 1 D. 3

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Answer : Option A

Explanation :

12 is an even number. All other given numbers are odd

2. Find the odd man out. 1, 8, 27, 64, 125, 196, 216, 343

- A. 64 B. 196
C. 216 D. 1

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Answer : Option B

Explanation :

The pattern is $1^3, 2^3, 3^3, 4^3, 5^3, 6^3, 7^3$.

196 is not a perfect cube

3. Find the odd man out. 15, 25, 30, 51, 85, 90, 115

- A. 15 B. 25
C. 51 D. 90

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Answer : Option C

Explanation :

All except 51 are multiples of 5

4. Find the odd man out. 24,36,52,72,96

- A. 72 B. 52
C. 36 D. 24

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Answer : Option B

Explanation :

All except 52 are multiples of 6

5. Find the odd man out. 187, 264, 386, 473, 682, 781

- A. 386 B. 187
C. 781 D. 682

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Answer : Option A

Explanation :

In all numbers except 386, the middle digit is the sum of other two digits.

6. Find the odd man out. 12, 24, 34, 48, 64, 84

- A. 48 B. 34
C. 24 D. 12

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Answer : Option B

Explanation :

All numbers except 34 are multiples of 4

7. Find the odd man out. 362, 482, 551, 263, 344, 284

- A. 362 B. 482
C. 551 D. 344

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Answer : Option D

Explanation :

In all numbers except 344, the product of first and third digits is the middle digit.

8. Find the odd man out. 742, 743, 633, 853, 871, 990, 532

- A. 532 B. 990
C. 633 D. 742

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Answer : Option D

Explanation :

In all numbers except 742, the difference of third and first digit is the middle digit.

9. Find the odd man out. 1, 5, 11, 17, 23, 29

- A. 29 B. 17
C. 11 D. 1

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Answer : Option D

Explanation :

All given numbers except 1 are prime numbers.

One is not a prime number because it does not have two factors. It is divisible by only 1

10. Find the odd man out. 7,13,19,25,29,37,43

- A. 19 B. 29
C. 25 D. 43

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Answer : Option C

Explanation :

All given numbers except 25 are prime numbers.

11. Find the odd man out. 1, 9, 16, 51, 121, 169, 225

- A. 169 B. 51
C. 16 D. 1

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Answer : Option B

Explanation :

Each of the given numbers except 51 is a perfect square

12. Find the odd man out. 1, 4, 9, 17, 25, 36, 49

- A. 1 B. 9
C. 17 D. 49

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Answer : Option C

Explanation :

The patter is $1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2$

But, instead of 4^2 , 17 is given

13. Find the odd man out. 2, 5, 10, 17, 26, 38, 50, 65

A. 50

B. 38

C. 26

D. 65

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Answer : Option B

Explanation :

The pattern is $(1 \times 1) + 1$, $(2 \times 2) + 1$, $(3 \times 3) + 1$, $(4 \times 4) + 1$, $(5 \times 5) + 1$, $(6 \times 6) + 1$, $(7 \times 7) + 1$, $(8 \times 8) + 1$

Hence, in place of 38, the right number was $(6 \times 6) + 1 = 37$

14. Find the odd man out. 18, 16, 12, 24, 11, 34, 46

A. 16

B. 46

C. 16

D. 11

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Answer : Option D

Explanation :

11 is the only odd number in the given series

15. Find the odd man out. 1, 27, 216, 512, 1024, 1331

A. 1024

B. 512

C. 27

D. 1

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Answer : Option A

Explanation :

All given numbers except 1024 are perfect cubes

16. Find the odd man out. 1, 16, 81, 255, 625, 1296

- A. 255 B. 1296
C. 81 D. 1

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Answer : Option A

Explanation :

The patten is $1^4, 2^4, 3^4, 4^4, 5^4, 6^4$

Hence, in place of 255, the right digit is $4^4 = 256$

17. Find the odd man out. 6, 13, 18, 25, 30, 37, 40

- A. 40 B. 30
C. 37 D. 25

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Answer : Option A

Explanation :

The difference between two successive terms from the beginning are 7, 5, 7, 5, 7, 5

Hence, in place of 40, right number is $37+5=42$

18. Find the odd man out. 445, 221, 109, 46, 25, 11, 4

- A. 25 B. 109
C. 46 D. 221

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Answer : Option C

Explanation :

To obtain next number, subtract 3 from the previous number and divide the result by 2

445

$$(445-3)/2 = 221$$

$$(221-3)/2 = 109$$

$$(109-3)/2 = 53$$

$$(53-3)/2 = 25$$

$$(25-3)/2 = 11$$

$$(11-3)/2 = 4$$

Clearly, 53 should have come in place of 46

19. Find the odd man out. 1050, 510, 242, 106, 46, 16, 3

- A. 46 B. 106
C. 510 D. 1050

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Answer : Option B

Explanation :

1050

$$(1050 - 30)/2 = 510$$

$$(510 - 26)/2 = 242$$

$$(242 - 22)/2 = 110$$

$$(110 - 18)/2 = 46$$

$$(46 - 14)/2 = 16$$

$$(16 - 10)/2 = 3$$

Hence, 110 should have come in place of 106

20. Find the odd man out. 2, 3, 5, 9, 12, 17, 23

- A. 12 B. 9
C. 23 D. 2

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Answer : Option B

Explanation :

2

$$2 + 1 = 3$$

$$3 + 2 = 5$$

$$5 + 3 = 8$$

$$8 + 4 = 12$$

$$12 + 5 = 17$$

$$17 + 6 = 23$$

ie, 8 should have come in place of 9

21. Find the odd man out. 3, 8, 18, 38, 78, 158, 316

- A. 38 B. 158
C. 316 D. 8

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Answer : Option C

Explanation :

3

$$3 \times 2 + 2 = 8$$

$$8 \times 2 + 2 = 18$$

$$18 \times 2 + 2 = 38$$

$$38 \times 2 + 2 = 78$$

$$78 \times 2 + 2 = 158$$

$$158 \times 2 + 2 = 318$$

Hence, 316 is wrong and 318 should have come in place of that

22. Find the odd man out. 5, 6, 14, 45, 185, 925, 5556

- A. 5556 B. 925
C. 185 D. 6

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Answer : Option C

Explanation :

$$5 \times 1 + 1 = 6$$

$$6 \times 2 + 2 = 14$$

$$14 \times 3 + 3 = 45$$

$$45 \times 4 + 4 = 184$$

$$184 \times 5 + 5 = 925$$

$$925 \times 6 + 6 = 5556$$

Hence, it is clear that 184 should have come instead of 185

23. Find the odd man out. 23, 27, 36, 52, 77, 111, 162

A. 162 B. 111

C. 52 D. 27

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Answer : Option B

Explanation :

$$23 + 2^2 = 27$$

$$27 + 3^2 = 36$$

$$36 + 4^2 = 52$$

$$52 + 5^2 = 77$$

$$77 + 6^2 = 113$$

$$113 + 7^2 = 162$$

Hence, 113 should have come in place of 111

24. Find the odd man out. 241, 263, 248, 271, 255, 277, 262

A. 277 B. 271

C. 263 D. 241

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Answer : Option B

Explanation :

Alternatively 22 is added and 15 is subtracted from the terms. Hence, 271 is wrong

$$241$$

$$241 + 22 = 263$$

$$263 - 15 = 248$$

$$248 + 22 = 270$$

$$270 - 15 = 255$$

$$255 + 22 = 277$$

$$277 - 15 = 262$$

25. Find the odd man out. 125, 127, 130, 135, 142, 153, 165

- A. 165 B. 142
C. 153 D. 130

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Answer : Option A

Explanation :

Prime numbers 2, 3, 5, 7, 11, 13 are added successively. Hence, 165 is wrong

26. Find the odd man out. 5, 10, 40, 81, 320, 640, 2560

- A. 40 B. 81
C. 320 D. 2560

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Answer : Option B

Explanation :

Alternatively 2 and 4 are multiplied with the previous terms

5

$$5 \times 2 = 10$$

$$10 \times 4 = 40$$

$$40 \times 2 = 80$$

$$80 \times 4 = 320$$

$$320 \times 2 = 640$$

$$640 \times 4 = 2560$$

Hence, 81 is wrong. 80 should have come in place of 81.

27. Find the odd man out. 12, 21, 32, 45, 60, 77, 95

- A. 95 B. 45

C. 32

D. 21

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Answer : Option A

Explanation :

$$12 + 9 = 21$$

$$21 + 11 = 32$$

$$32 + 13 = 45$$

$$45 + 15 = 60$$

$$60 + 17 = 77$$

$$77 + 19 = 96$$

Hence, 95 is wrong. 96 should have come in place of 95

28. Find the odd man out. 3, 5, 15, 75, 1120, 84375

A. 84375

B. 1120

C. 15

D. 3

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Answer : Option B

Explanation :

Pattern : 1st * 2nd = 3rd, 2nd * 3rd = 4th, etc.

3

5

$$3 \times 5 = 15$$

$$5 \times 15 = 75$$

$$15 \times 75 = 1125$$

$$75 \times 1125 = 84375$$

Hence, 1120 is wrong. 1125 should have come in place of 1120

29. Find the odd man out. 3576, 1784, 888, 440, 216, 105, 48

A. 105

B. 216

C. 888

D. 1784

[Here is the answer and explanation](#)

Answer : Option A

Explanation :

3576

$$(3576-8)/2 = 1784$$

$$(1784-8)/2 = 888$$

$$(888-8)/2 = 440$$

$$(440-8)/2 = 216$$

$$(216-8)/2 = 104$$

$$(104-8)/2 = 48$$

Hence, 105 is wrong. 104 should have come in place of 105

30. Find the odd man out. 30, -5, -45, -90, -145, -195, -255

A. -5

B. -145

C. -255

D. -195

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Answer : Option B

Explanation :

30

$$30 - 35 = -5$$

$$-5 - 35 = -40$$

$$-40 - 45 = -85$$

$$-85 - 55 = -140$$

$$-140 - 55 = -195$$

$$-195 - 60 = -255$$

Hence, -145 is wrong. -140 should have come in place of -145