100 Important Wrong Number Series Question Download Pdf

Directions (Q. 1-100): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

1). 50 51 47 56 42 65 29

1. 51
2. 47
3. 56
4. 42
5. 65

2). 3 9 23 99 479 2881 20159

1. 9
2. 23
3. 99
4. 479
5. 2881

3). 7 4 6 9 20 52.5 160.5

1. 6
2. 4
3. 20
4. 9
5. 5

4). 1 3 6 11 20 39 70

1. 3
2. 39
3. 11
4. 20
5. 6

5). 2 13 27 113 561 3369 23581

1. 27
2. 13

3. 113
4. 561
5. 3369

Answer With Explanation:

1). The series is 50 + 1^2 = 51, 51 – 2^2 = 47, 47 + 3^2 = 56, 56 – 4^2 = 40, 40 + 5^2 = 65, 65 – 6^2 = 29.

Hence, there should be 40 in place of 42.

Answer is: D

2). The series is 3 × 2 + 3 = 9, 9 × 3 – 4 = 23, 23 × 4 + 5 = 97, 97 × 5 – 6 = 479, 479 × 6 + 7 = 2881, 2881 × 7 – 8 = 20159

Hence, there should be 97 in place of 99.

Answer is: C

3). The series is x0.5 + 0.5, x1 + 1, x 1.5 + 1.5, x 2 + 2, x 2.5 + 2.5, x 3 + 3…

Hence, there should be 5 in place of 6.

Answer is: A

4). The series is 1 × 2 + 1 = 3, 3 × 2 + 0 = 6, 6 × 2 – 1 = 11, 11 × 2 – 2 = 20, 20 × 2 – 3 = 37, 37 × 2 – 4 = 70.

Hence, there should be 37 in place of 39.

Answer is: B

5). The series is 2 × 2 + 7 = 11, 11 × 3 – 6 = 27, 27 × 4 + 5, = 113, 113 × 5 – 4 = 561, 561 × 6 + 3 = 3369, 3369 × 7 – 2 = 23581.

Hence, there should be 11 in place of 13.

Answer is: B

6). 7 16 27 40 46

1. 7
2. 16

3. 27
4. 40
5. 46

7). 729 1331 2497 3375 4913

1. 729
2. 1331
3. 3375
4. 2497
5. 4913

8). 80 119 166 221 223

1. 80
2. 119
3. 166
4. 192
5. 223

9). 8 8.5 11.5 14 17

1. 8
2. 5
3. 5
4. 14
5. 17

10). 439 778 1456 2812 5624

1. 439
2. 778
3. 1456
4. 2812
5. 5624

Answer With Explanation:

6). The series is $5 \times 1 + 2 = 7$, $6 \times 2 + 4 = 16$, $7 \times 3 + 6 = 27$, $8 \times 4 + 8 = 40$, $9 \times 5 + 10 = 55$.

Hence, there should be 55 in place of 46.

Alternate Method: +9, +11, +13, +15

Answer is: E

7). The series is 9^3, 11^3, 13^3, 15^3, 17^3,

Hence, there should be 2197 in place of 2497.

Answer is: D

8). The series is 9^2 – 1, 11^2 – 2, 13^2 – 3, 15^2 – 4, 17^2 – 5,

Hence, there should be 284 in place of 223.

Answer is: E

9). The series is 8 + 1.5 = 9.5, 9.5 + 2 = 11.5, 11.5 + 2.5 = 14, 14 + 3 = 17

Hence, there should be 9.5 in place of 8.5.

Answer is: B

10). The series is +339, +678, +1356, +2712,

Hence, there should be 5524 in place of 5624.

Answer is: E

11). 17, 36, 132, 635, 3500, 21750, 153762

1. 635
2. 17
3. 132
4. 3500
5. 36

12). 17, 20, 46, 147, 599, 3015, 18018

1. 20
2. 46
3. 599
4. 147
5. 3015

13). 90, 135, 286, 750, 2160, 6405, 19155

1. 90
2. 750
3. 6405
4. 286

5. 2160

14). 9, 14, 40, 129, 536, 2705, 16260

1. 14
2. 40
3. 536
4. 9
5. 129

15). 8, 18, 64, 272, 1395, 8424, 59045

1. 18
2. 8
3. 272
4. 1395
5. 64

Answer With Explanation:

11). The number series should be 636 in the place of 635.

The series is (17 + 1^3) × 2, (36 + 2^3) × 3, (132 + 3^3) × 4, (636 + 4^3) × 5

Answer is: a)

12). The number series should be 600 in the place of 599.

The series is ×1 + 3, ×2 + 6, ×3 + 9, ×4 + 12, ×5 + 15

Answer is: c)

13). The number series should be 285 in the place of 286.

The series is (90-45) × 3, (135-40) × 3, (285-35) × 3, (750-30) × 3, (2160-25) × 3,…

Answer is: d)

14). The number series should be 38 in the place of 40.

The series is ×1 + 5, ×2 + 10, ×3 + 15, ×4 + 20, ×5 + 25

Answer is: b)

15). The number series should be 63 in the place of 64.

The series is (8+1) × 2, (18+3) × 3, (63+5) × 4, (272+7) × 5

Answer is: e)

16). 32, 39, 65, 128, 253, 467, 809, 1320

1. 39
2. 65
3. 253
4. 467
5. 32

17). 38, 49, 62, 72, 77, 91, 101

1. 49
2. 72
3. 77
4. 91
5. 38

18).19, 22, 32, 46, 73, 108, 158

1. 22
2. 46
3. 73
4. 19
5. 158

19). 47, 44, 45, 46, 33, 57, 3, 88

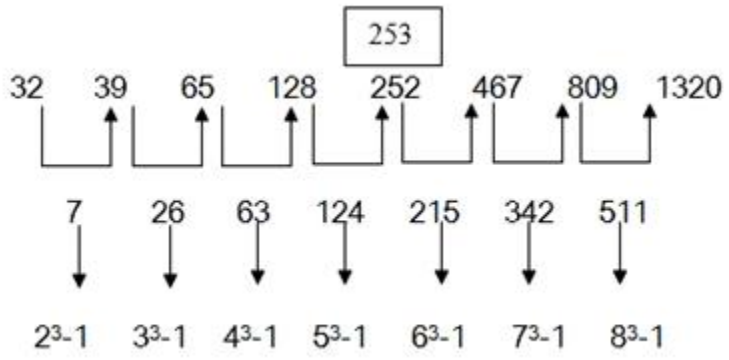
1. 44
2. 57
3. 46
4. 3
5. 47

20). 45, 131, 228, 338, 466, 619, 800

1. 131
2. 466
3. 619
4. 45
5. 800

Answer With Explanation:

16). The series is,.



Hence, 253 is a wrong number.

Answer: C

17). The series is,

38 = 3+8 = 11 = 38 +11 = 49

49 = 4+9 = 13 = 49 +13 = 62

62 = 6+2 = 8 = 62 + 8 = 70 ≠ 72

70 = 7+0 = 7 = 70+ 7 = 77

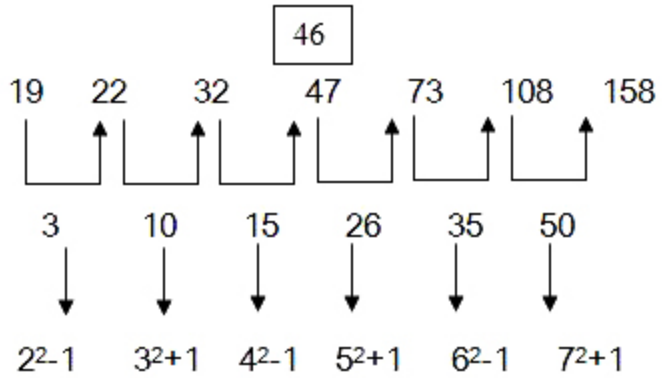
77 = 7+7 = 14 = 77+14 = 91

91 = 9+1 = 10 = 91+10 = 101

Hence, 72 is the wrong number.

Answer: B

18). The series is,



Hence, 46 is the wrong number

Answer: B

19). First series 47, 45, 33, 3

47-(1×2) = 45

45-(3×4) = 33

33- (5×6) = 3

Second series 44, 46, 57, 88

44 + (1×2) = 46

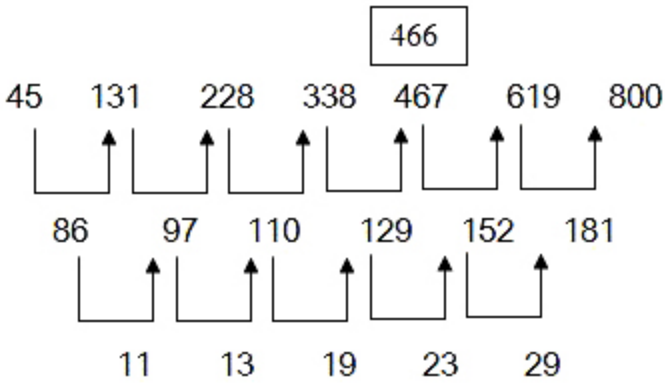
46 + (3×4) = 58 ≠ 57

58 + (5×6) = 88

Hence, 57 is the wrong answer.

Answer: B

20). The series is,



11, 13, 19, 23 and 29 are the prime numbers

Hence, 466 is the wrong number.

Answer: B

21). 1, 8, 66, 460, 2758, 13785, 55146

1. 460
2. 2758
3. 66
4. 8
5. 55146

22). 56, 57, 48, 73, 24, 105, -10

1. 57
2. 73
3. 105
4. -10
5. 24

23). 2, 2, 13, 59, 363, 2519, 20161

1. 13
2. 20161
3. 2519
4. 59
5. 363

24). 3, 1, 3, 0.7, 3, 0.6, 3, 0.5, 3

1. 1
2. 7
3. 6

4. 3
5. 5

25). 2, 6, 13, 26, 54, 100, 197

1. 26
2. 100
3. 54
4. 197
5. 13

Explanation With Answer Key:

21). 1 8 66 460 2758 13785 55146

Here 1 × 9 – 1 = 8; 8 × 8 + 2 = 66; 66 × 7 – 3 = 459;

459 × 6 + 4 = 2758; 2758 × 5 – 5 = 13785; 13785

× 4 + 6 = 55146

Answer: a)

22). 56 57 48 73 24 105 -10

Here 56 +1^2 = 57;

57 – 3^2 = 48; 48+ 5^2 = 73; 73- 7^2 = 24;

24 + 9^2 = 105; 105 -11^2 = -16

Answer: d)

23). 2 2 13 59 363 2519 20161

Here 2 × 3 – 4 = 2; 2 × 4 + 5 = 13;

13 × 5 – 6 = 59; 59 × 6 + 7 = 361;

361 × 7 – 8 = 2519; 2519 × 8 + 9 = 20161

Answer: e)

24). 3 1 3 0.7 3 0.6 3

3 × 1/3 = 1;

$1 \times 3 = 3$;

$3 \times 1/4 = 0.75$;

$0.75 \times 4 = 3$;

$3 \times 1/5 = 0.6$;

$0.6 \times 5 = 3$;

$3 \times 1/6 = 0.5$;

$0.5 \times 6 = 3$.

Answer: b)

25). 2 6 13 26 54 100 197

Here $2 \times 2 + 2 = 6$; $6 \times 2 + 1 = 13$;

$13 \times 2 + 0 = 26$; $26 \times 2 – 1 = 51$;

$51 \times 2 – 2 = 100$; $100 \times 2 – 3 = 197$

Answer: c)

26). 3, 7.5, 15, 37.5, 75, 167.5, 375

1. 5
2. 75
3. 5
4. 15
5. 5

27). 0, 1, 9, 36, 99, 225, 441

1. 9
2. 36
3. 99
4. 225
5. 441

28). 2, 3, 5, 8, 14, 23, 41, 69

1. 5
2. 8
3. 14
4. 41
5. 69

29). 5, 10, 17, 27, 37, 50, 65

1. 10
2. 17
3. 37
4. 27
5. 50

30). 108, 54, 36, 18, 9, 6, 4

1. 54
2. 36
3. 18
4. 9
5. 6

Explanation With Answer Key:

26). The series is ×2.5, ×2 alternately

Answer: a)

27). The differences are

0 1 9 36 99 225 441

0^2 1^2 3^2 6^2 10^2 15^2 21^2

Answer: c)

28). The series is an alternate series, having

S 1 = 2 5 14 41; ×3 – 1 in each term

S 2 = 3 8 23 69; ×3 – 1 in each term

Answer: e)

29). The series is +5, +7, +9, +11, ….

Answer: d)

30). The series is ÷2, ÷1.5 alternately.

Answer: d)

31). 4, 12, 42, 196, 1005, 6066, 42511

a) 12

b) 42

c) 196

d) 1005

e) 6066

32). 7, 13, 25, 49, 97, 194, 385

a) 13

b) 25

c) 49

d) 194

e) 385

33). 10, 15, 24, 35, 54, 75, 100

a) 10

b) 24

c) 35

d) 54

e) 100

34). 2, 8, 32, 148, 765, 4626, 32431

a) 32431

b) 765

c) 148

d) 32

e) 2

35). 73, 57, 49, 44, 43, 42

a) 73

b) 57

c) 49

d) 44

e) 42

Explanation With Answer Key:

31). b)

4, 12, 42, 196, 1005, 6066, 42511

$4 \times 2+(2)^2 = 12$

$12\times 3+(3)^2 = 45$

$45\times 4+(4)^2 = 196$

$196\times 5+(5)^2 = 1005$

$1005\times 6+(6)^2 = 6066$

$6066\times 7+(7)^2 = 42511$

Hence, 42 is the wrong number

32). d)

7, 13, 25, 49, 97, 194, 385

$7\times 2 -1= 13$

13× 2 -1= 25

25× 2 -1= 49

49× 2 -1= 97

97× 2 -1= 193

193× 2 -1= 385

Hence, 194 is the wrong number

33). c)

10, 15, 24, 35, 54, 75, 100

Hence, 35 is the wrong number

34). d)

2, 8, 32, 148, 765, 4626, 32431

$2 \times 2+2^2= 8$

$3 \times 8+3^2= 33$

$4 \times 33+4^2= 148$

$5 \times 148+5^2= 765$

$6 \times 765+6^2= 4626$

$7 \times 4626+7^2=32431$

Hence, 32 is the wrong number.

35). d)

73, 57, 49, 44, 43,42 45-43= 2

73-57= 16 43-42=1

57-49=8 Differences between the consecutive numbers are in Geometric Progression (G.P)

49-45= 4 Hence, 44 is the wrong number.