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Correct Answers:

1	2	3	4	5	6	7	8	9	10
D	B	D	B	B	E	D	B	A	C

Explanations:

1.

Series Pattern Given Series

379	379
$379 + 11 = 390$	390
$390 + 22 = 412$	412
$412 + 33 = 445$	445
$445 + 44 = 489$	489 ✓
$489 + 55 = 544$	544

Hence, option (D) is correct.

2.

Series Pattern Given Series

25	25
$25 + 2^2 = 29$	29
$29 + 3^3 = 56$	56
$56 + 4^2 = 72$	72
$72 + 5^3 = 197$	197 ✓
$197 + 6^2 = 233$	233

Hence, option (B) is correct.

3.

Series Pattern Given Series

8	8
$8 \times 9 = 72$	72
$72 \times 8 = 576$	576
$576 \times 7 = 4032$	4032
$4032 \times 6 = 24192$	24192
$24192 \times 5 = 120960$	120960 ✓

Hence, option D is correct.



4.

Series Pattern Given Series

121	121	
$121 + 1 \div 2 = 61$	61	
$61 + 1 \div 2 = 31$	31	
$31 + 1 \div 2 = 16$	16	
$16 + 1 \div 2 = 8.5$	8.5	✓
$8.5 + 1 \div 2 = 4.75$	4.75	

Hence, option B is correct.

5.

Series Pattern Given Series

7	7	
$7 \times 4 - 1 = 27$	27	
$27 \times 4 - 2 = 106$	106	
$106 \times 4 - 3 = 421$	421	✓
$421 \times 4 - 4 = 1680$	1680	
$1680 \times 4 - 5 = 6715$	6715	

Hence, option B is correct.

6.

Series Pattern Given Series

9	9	
$9 \times 2 - 1 = 17$	17	
$17 \times 4 - 3 = 65$	65	
$65 \times 6 - 5 = 385$	385	
$385 \times 8 - 7 = 3073$	3073	
$3073 \times 10 - 9 = 30721$	30721	✓

Hence, option E is correct.

7.

Series Pattern Given Series

25	25	
$25 + 6^3 = 241$	241	
$241 + 7^3 = 584$	584	
$584 + 8^3 = 1096$	1096	
$1096 + 9^3 = 1825$	1825	
$1825 + 10^3 = 2825$	2825	✓

Hence, option D is correct.

8.

Series Pattern	Given Series
50	50
$50 \times 0.5 = 25$	25
$25 \times 1.5 = 37.5$	37.5
$37.5 \times 2.5 = 93.75$	93.75
$93.75 \times 3.5 = 328.125$	328.125
$328.125 \times 4.5 = 1476.5625$	1476.5625 ✓

Hence, option B is correct.

9.

Series Pattern	Given Series
468	468
516	516
$516 + 468 = 984$	984
$984 + 516 = 1500$	1500
$1500 + 984 = 2484$	2484
$2484 + 1500 = 3984$	3984 ✓

Hence, option A is correct.

10.

Series Pattern	Given Series
11	11
$11 \times 3 - 3 = 30$	30
$30 \times 3 - 3 = 87$	87
$87 \times 3 - 3 = 258$	258
$258 \times 3 - 3 = 771$	771
$771 \times 3 - 3 = 2310$	2310 ✓

Hence, option C is correct.

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