



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

2	12	22	32	42	?	?
---	----	----	----	----	---	---

- A. 51 , 64
- B. 32 , 22
- C. 62 , 72
- D. 52 , 62

- 2) Determine which numbers best complete the pattern below.

36	45	54	63	72	?	?
----	----	----	----	----	---	---

- A. 81 , 90
- B. 90 , 99
- C. 79 , 92
- D. 63 , 54

- 3) Determine which numbers best complete the pattern below.

10	12	14	16	18	?	?
----	----	----	----	----	---	---

- A. 20 , 22
- B. 21 , 24
- C. 16 , 14
- D. 22 , 24

- 4) Determine which numbers best complete the pattern below.

39	47	55	63	71	?	?
----	----	----	----	----	---	---

- A. 87 , 95
- B. 63 , 55
- C. 79 , 87
- D. 81 , 85

- 5) Determine which numbers best complete the pattern below.

88	80	72	64	56	?	?
----	----	----	----	----	---	---

- A. 40 , 32
- B. 48 , 56
- C. 48 , 40
- D. 46 , 38

- 6) Determine which numbers best complete the pattern below.

51	45	39	33	27	?	?
----	----	----	----	----	---	---

- A. 21 , 15
- B. 21 , 27
- C. 22 , 17
- D. 15 , 9

- 7) Determine which numbers best complete the pattern below.

55	49	43	37	31	?	?
----	----	----	----	----	---	---

- A. 19 , 13
- B. 25 , 31
- C. 25 , 19
- D. 26 , 18

- 8) Determine which numbers best complete the pattern below.

41	43	45	47	49	?	?
----	----	----	----	----	---	---

- A. 47 , 45
- B. 51 , 53
- C. 53 , 55
- D. 49 , 52

- 9) Determine which numbers best complete the pattern below.

26	34	42	50	58	?	?
----	----	----	----	----	---	---

- A. 66 , 74
- B. 74 , 82
- C. 50 , 42
- D. 64 , 75

- 10) Determine which numbers best complete the pattern below.

35	32	29	26	23	?	?
----	----	----	----	----	---	---

- A. 20 , 23
- B. 17 , 14
- C. 20 , 17
- D. 21 , 19

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Determine which choice best continues the pattern.

- 1) Determine which numbers best complete the pattern below.

2	12	22	32	42	?	?
---	----	----	----	----	---	---

- A. 51 , 64
- B. 32 , 22
- C. 62 , 72
- D. 52 , 62

- 3) Determine which numbers best complete the pattern below.

10	12	14	16	18	?	?
----	----	----	----	----	---	---

- A. 20 , 22
- B. 21 , 24
- C. 16 , 14
- D. 22 , 24

- 5) Determine which numbers best complete the pattern below.

88	80	72	64	56	?	?
----	----	----	----	----	---	---

- A. 40 , 32
- B. 48 , 56
- C. 48 , 40
- D. 46 , 38

- 7) Determine which numbers best complete the pattern below.

55	49	43	37	31	?	?
----	----	----	----	----	---	---

- A. 19 , 13
- B. 25 , 31
- C. 25 , 19
- D. 26 , 18

- 9) Determine which numbers best complete the pattern below.

26	34	42	50	58	?	?
----	----	----	----	----	---	---

- A. 66 , 74
- B. 74 , 82
- C. 50 , 42
- D. 64 , 75

- 2) Determine which numbers best complete the pattern below.

36	45	54	63	72	?	?
----	----	----	----	----	---	---

- A. 81 , 90
- B. 90 , 99
- C. 79 , 92
- D. 63 , 54

- 4) Determine which numbers best complete the pattern below.

39	47	55	63	71	?	?
----	----	----	----	----	---	---

- A. 87 , 95
- B. 63 , 55
- C. 79 , 87
- D. 81 , 85

- 6) Determine which numbers best complete the pattern below.

51	45	39	33	27	?	?
----	----	----	----	----	---	---

- A. 21 , 15
- B. 21 , 27
- C. 22 , 17
- D. 15 , 9

- 8) Determine which numbers best complete the pattern below.

41	43	45	47	49	?	?
----	----	----	----	----	---	---

- A. 47 , 45
- B. 51 , 53
- C. 53 , 55
- D. 49 , 52

- 10) Determine which numbers best complete the pattern below.

35	32	29	26	23	?	?
----	----	----	----	----	---	---

- A. 20 , 23
- B. 17 , 14
- C. 20 , 17
- D. 21 , 19

**Answers**

- 1.     **D**
- 2.     **A**
- 3.     **A**
- 4.     **C**
- 5.     **C**
- 6.     **A**
- 7.     **C**
- 8.     **B**
- 9.     **A**
- 10.     **C**



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

32	34	36	38	40	?	?
----	----	----	----	----	---	---

- A. 40 , 46
- B. 38 , 36
- C. 44 , 46
- D. 42 , 44

- 2) Determine which numbers best complete the pattern below.

19	27	35	43	51	?	?
----	----	----	----	----	---	---

- A. 60 , 66
- B. 43 , 35
- C. 59 , 67
- D. 67 , 75

- 3) Determine which numbers best complete the pattern below.

103	95	87	79	71	?	?
-----	----	----	----	----	---	---

- A. 63 , 55
- B. 63 , 71
- C. 55 , 47
- D. 64 , 57

- 4) Determine which numbers best complete the pattern below.

54	50	46	42	38	?	?
----	----	----	----	----	---	---

- A. 33 , 31
- B. 34 , 30
- C. 30 , 26
- D. 34 , 38

- 5) Determine which numbers best complete the pattern below.

61	55	49	43	37	?	?
----	----	----	----	----	---	---

- A. 29 , 27
- B. 31 , 37
- C. 25 , 19
- D. 31 , 25

- 6) Determine which numbers best complete the pattern below.

87	81	75	69	63	?	?
----	----	----	----	----	---	---

- A. 57 , 51
- B. 56 , 53
- C. 51 , 45
- D. 57 , 63

- 7) Determine which numbers best complete the pattern below.

48	54	60	66	72	?	?
----	----	----	----	----	---	---

- A. 78 , 84
- B. 76 , 85
- C. 84 , 90
- D. 66 , 60

- 8) Determine which numbers best complete the pattern below.

2	12	22	32	42	?	?
---	----	----	----	----	---	---

- A. 54 , 60
- B. 52 , 62
- C. 62 , 72
- D. 32 , 22

- 9) Determine which numbers best complete the pattern below.

46	41	36	31	26	?	?
----	----	----	----	----	---	---

- A. 21 , 26
- B. 21 , 16
- C. 16 , 11
- D. 19 , 15

- 10) Determine which numbers best complete the pattern below.

69	65	61	57	53	?	?
----	----	----	----	----	---	---

- A. 49 , 53
- B. 47 , 43
- C. 45 , 41
- D. 49 , 45

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

**Determine which choice best continues the pattern.**

- 1) Determine which numbers best complete the pattern below.

32	34	36	38	40	?	?
----	----	----	----	----	---	---

- A. 40, 46  
 B. 38, 36  
 C. 44, 46  
 D. 42, 44

- 3) Determine which numbers best complete the pattern below.

103	95	87	79	71	?	?
-----	----	----	----	----	---	---

- A. 63, 55  
 B. 63, 71  
 C. 55, 47  
 D. 64, 57

- 5) Determine which numbers best complete the pattern below.

61	55	49	43	37	?	?
----	----	----	----	----	---	---

- A. 29, 27  
 B. 31, 37  
 C. 25, 19  
 D. 31, 25

- 7) Determine which numbers best complete the pattern below.

48	54	60	66	72	?	?
----	----	----	----	----	---	---

- A. 78, 84  
 B. 76, 85  
 C. 84, 90  
 D. 66, 60

- 9) Determine which numbers best complete the pattern below.

46	41	36	31	26	?	?
----	----	----	----	----	---	---

- A. 21, 26  
 B. 21, 16  
 C. 16, 11  
 D. 19, 15

- 2) Determine which numbers best complete the pattern below.

19	27	35	43	51	?	?
----	----	----	----	----	---	---

- A. 60, 66  
 B. 43, 35  
 C. 59, 67  
 D. 67, 75

- 4) Determine which numbers best complete the pattern below.

54	50	46	42	38	?	?
----	----	----	----	----	---	---

- A. 33, 31  
 B. 34, 30  
 C. 30, 26  
 D. 34, 38

- 6) Determine which numbers best complete the pattern below.

87	81	75	69	63	?	?
----	----	----	----	----	---	---

- A. 57, 51  
 B. 56, 53  
 C. 51, 45  
 D. 57, 63

- 8) Determine which numbers best complete the pattern below.

2	12	22	32	42	?	?
---	----	----	----	----	---	---

- A. 54, 60  
 B. 52, 62  
 C. 62, 72  
 D. 32, 22

- 10) Determine which numbers best complete the pattern below.

69	65	61	57	53	?	?
----	----	----	----	----	---	---

- A. 49, 53  
 B. 47, 43  
 C. 45, 41  
 D. 49, 45

**Answers**1. **D**2. **C**3. **A**4. **B**5. **D**6. **A**7. **A**8. **B**9. **B**10. **D**



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

37	44	51	58	65	?	?
----	----	----	----	----	---	---

- A. 79 , 86
- B. 71 , 81
- C. 58 , 51
- D. 72 , 79

- 2) Determine which numbers best complete the pattern below.

53	47	41	35	29	?	?
----	----	----	----	----	---	---

- A. 23 , 29
- B. 17 , 11
- C. 23 , 17
- D. 24 , 18

- 3) Determine which numbers best complete the pattern below.

84	78	72	66	60	?	?
----	----	----	----	----	---	---

- A. 55 , 47
- B. 54 , 60
- C. 54 , 48
- D. 48 , 42

- 4) Determine which numbers best complete the pattern below.

78	68	58	48	38	?	?
----	----	----	----	----	---	---

- A. 28 , 38
- B. 28 , 18
- C. 18 , 8
- D. 29 , 17

- 5) Determine which numbers best complete the pattern below.

23	29	35	41	47	?	?
----	----	----	----	----	---	---

- A. 41 , 35
- B. 59 , 65
- C. 53 , 59
- D. 51 , 58

- 6) Determine which numbers best complete the pattern below.

101	93	85	77	69	?	?
-----	----	----	----	----	---	---

- A. 53 , 45
- B. 59 , 52
- C. 61 , 53
- D. 61 , 69

- 7) Determine which numbers best complete the pattern below.

33	37	41	45	49	?	?
----	----	----	----	----	---	---

- A. 45 , 41
- B. 52 , 55
- C. 57 , 61
- D. 53 , 57

- 8) Determine which numbers best complete the pattern below.

67	61	55	49	43	?	?
----	----	----	----	----	---	---

- A. 31 , 25
- B. 39 , 30
- C. 37 , 43
- D. 37 , 31

- 9) Determine which numbers best complete the pattern below.

99	90	81	72	63	?	?
----	----	----	----	----	---	---

- A. 54 , 45
- B. 54 , 63
- C. 53 , 44
- D. 45 , 36

- 10) Determine which numbers best complete the pattern below.

72	66	60	54	48	?	?
----	----	----	----	----	---	---

- A. 42 , 48
- B. 40 , 34
- C. 36 , 30
- D. 42 , 36

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Determine which choice best continues the pattern.

- 1) Determine which numbers best complete the pattern below.

37	44	51	58	65	?	?
----	----	----	----	----	---	---

- A. 79 , 86
- B. 71 , 81
- C. 58 , 51
- D. 72 , 79

- 3) Determine which numbers best complete the pattern below.

84	78	72	66	60	?	?
----	----	----	----	----	---	---

- A. 55 , 47
- B. 54 , 60
- C. 54 , 48
- D. 48 , 42

- 5) Determine which numbers best complete the pattern below.

23	29	35	41	47	?	?
----	----	----	----	----	---	---

- A. 41 , 35
- B. 59 , 65
- C. 53 , 59
- D. 51 , 58

- 7) Determine which numbers best complete the pattern below.

33	37	41	45	49	?	?
----	----	----	----	----	---	---

- A. 45 , 41
- B. 52 , 55
- C. 57 , 61
- D. 53 , 57

- 9) Determine which numbers best complete the pattern below.

99	90	81	72	63	?	?
----	----	----	----	----	---	---

- A. 54 , 45
- B. 54 , 63
- C. 53 , 44
- D. 45 , 36

- 2) Determine which numbers best complete the pattern below.

53	47	41	35	29	?	?
----	----	----	----	----	---	---

- A. 23 , 29
- B. 17 , 11
- C. 23 , 17
- D. 24 , 18

- 4) Determine which numbers best complete the pattern below.

78	68	58	48	38	?	?
----	----	----	----	----	---	---

- A. 28 , 38
- B. 28 , 18
- C. 18 , 8
- D. 29 , 17

- 6) Determine which numbers best complete the pattern below.

101	93	85	77	69	?	?
-----	----	----	----	----	---	---

- A. 53 , 45
- B. 59 , 52
- C. 61 , 53
- D. 61 , 69

- 8) Determine which numbers best complete the pattern below.

67	61	55	49	43	?	?
----	----	----	----	----	---	---

- A. 31 , 25
- B. 39 , 30
- C. 37 , 43
- D. 37 , 31

- 10) Determine which numbers best complete the pattern below.

72	66	60	54	48	?	?
----	----	----	----	----	---	---

- A. 42 , 48
- B. 40 , 34
- C. 36 , 30
- D. 42 , 36

**Answers**

1. **D**

2. **C**

3. **C**

4. **B**

5. **C**

6. **C**

7. **D**

8. **D**

9. **A**

10. **D**



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

48	52	56	60	64	?	?
----	----	----	----	----	---	---

- A. 60 , 56
- B. 72 , 76
- C. 68 , 72
- D. 67 , 74

- 2) Determine which numbers best complete the pattern below.

64	58	52	46	40	?	?
----	----	----	----	----	---	---

- A. 34 , 40
- B. 36 , 26
- C. 28 , 22
- D. 34 , 28

- 3) Determine which numbers best complete the pattern below.

52	45	38	31	24	?	?
----	----	----	----	----	---	---

- A. 17 , 10
- B. 17 , 24
- C. 10 , 3
- D. 18 , 8

- 4) Determine which numbers best complete the pattern below.

73	63	53	43	33	?	?
----	----	----	----	----	---	---

- A. 23 , 13
- B. 22 , 15
- C. 13 , 3
- D. 23 , 33

- 5) Determine which numbers best complete the pattern below.

76	69	62	55	48	?	?
----	----	----	----	----	---	---

- A. 41 , 34
- B. 34 , 27
- C. 41 , 48
- D. 39 , 32

- 6) Determine which numbers best complete the pattern below.

40	37	34	31	28	?	?
----	----	----	----	----	---	---

- A. 22 , 19
- B. 26 , 24
- C. 25 , 22
- D. 25 , 28

- 7) Determine which numbers best complete the pattern below.

50	44	38	32	26	?	?
----	----	----	----	----	---	---

- A. 18 , 15
- B. 20 , 26
- C. 20 , 14
- D. 14 , 8

- 8) Determine which numbers best complete the pattern below.

39	49	59	69	79	?	?
----	----	----	----	----	---	---

- A. 69 , 59
- B. 89 , 99
- C. 99 , 109
- D. 91 , 100

- 9) Determine which numbers best complete the pattern below.

20	29	38	47	56	?	?
----	----	----	----	----	---	---

- A. 74 , 83
- B. 47 , 38
- C. 67 , 72
- D. 65 , 74

- 10) Determine which numbers best complete the pattern below.

72	68	64	60	56	?	?
----	----	----	----	----	---	---

- A. 50 , 47
- B. 52 , 56
- C. 48 , 44
- D. 52 , 48

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Determine which choice best continues the pattern.

- 1) Determine which numbers best complete the pattern below.

48	52	56	60	64	?	?
----	----	----	----	----	---	---

- A. 60 , 56
- B. 72 , 76
- C. 68 , 72
- D. 67 , 74

- 3) Determine which numbers best complete the pattern below.

52	45	38	31	24	?	?
----	----	----	----	----	---	---

- A. 17 , 10
- B. 17 , 24
- C. 10 , 3
- D. 18 , 8

- 5) Determine which numbers best complete the pattern below.

76	69	62	55	48	?	?
----	----	----	----	----	---	---

- A. 41 , 34
- B. 34 , 27
- C. 41 , 48
- D. 39 , 32

- 7) Determine which numbers best complete the pattern below.

50	44	38	32	26	?	?
----	----	----	----	----	---	---

- A. 18 , 15
- B. 20 , 26
- C. 20 , 14
- D. 14 , 8

- 9) Determine which numbers best complete the pattern below.

20	29	38	47	56	?	?
----	----	----	----	----	---	---

- A. 74 , 83
- B. 47 , 38
- C. 67 , 72
- D. 65 , 74

- 2) Determine which numbers best complete the pattern below.

64	58	52	46	40	?	?
----	----	----	----	----	---	---

- A. 34 , 40
- B. 36 , 26
- C. 28 , 22
- D. 34 , 28

- 4) Determine which numbers best complete the pattern below.

73	63	53	43	33	?	?
----	----	----	----	----	---	---

- A. 23 , 13
- B. 22 , 15
- C. 13 , 3
- D. 23 , 33

- 6) Determine which numbers best complete the pattern below.

40	37	34	31	28	?	?
----	----	----	----	----	---	---

- A. 22 , 19
- B. 26 , 24
- C. 25 , 22
- D. 25 , 28

- 8) Determine which numbers best complete the pattern below.

39	49	59	69	79	?	?
----	----	----	----	----	---	---

- A. 69 , 59
- B. 89 , 99
- C. 99 , 109
- D. 91 , 100

- 10) Determine which numbers best complete the pattern below.

72	68	64	60	56	?	?
----	----	----	----	----	---	---

- A. 50 , 47
- B. 52 , 56
- C. 48 , 44
- D. 52 , 48

**Answers**

- 1.     **C**
- 2.     **D**
- 3.     **A**
- 4.     **A**
- 5.     **A**
- 6.     **C**
- 7.     **C**
- 8.     **B**
- 9.     **D**
- 10.     **D**





**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

19	23	27	31	35	?	?
----	----	----	----	----	---	---

- A. 39 , 43
- B. 37 , 41
- C. 31 , 27
- D. 43 , 47

- 2) Determine which numbers best complete the pattern below.

32	35	38	41	44	?	?
----	----	----	----	----	---	---

- A. 47 , 50
- B. 41 , 38
- C. 50 , 53
- D. 46 , 48

- 3) Determine which numbers best complete the pattern below.

61	56	51	46	41	?	?
----	----	----	----	----	---	---

- A. 31 , 26
- B. 36 , 41
- C. 36 , 31
- D. 34 , 30

- 4) Determine which numbers best complete the pattern below.

19	25	31	37	43	?	?
----	----	----	----	----	---	---

- A. 37 , 31
- B. 55 , 61
- C. 48 , 53
- D. 49 , 55

- 5) Determine which numbers best complete the pattern below.

91	83	75	67	59	?	?
----	----	----	----	----	---	---

- A. 43 , 35
- B. 51 , 59
- C. 51 , 43
- D. 49 , 41

- 6) Determine which numbers best complete the pattern below.

47	50	53	56	59	?	?
----	----	----	----	----	---	---

- A. 62 , 65
- B. 65 , 68
- C. 56 , 53
- D. 64 , 66

- 7) Determine which numbers best complete the pattern below.

1	10	19	28	37	?	?
---	----	----	----	----	---	---

- A. 28 , 19
- B. 55 , 64
- C. 46 , 55
- D. 48 , 53

- 8) Determine which numbers best complete the pattern below.

36	40	44	48	52	?	?
----	----	----	----	----	---	---

- A. 56 , 60
- B. 48 , 44
- C. 55 , 62
- D. 60 , 64

- 9) Determine which numbers best complete the pattern below.

48	42	36	30	24	?	?
----	----	----	----	----	---	---

- A. 18 , 24
- B. 16 , 11
- C. 18 , 12
- D. 12 , 6

- 10) Determine which numbers best complete the pattern below.

84	76	68	60	52	?	?
----	----	----	----	----	---	---

- A. 44 , 36
- B. 36 , 28
- C. 46 , 34
- D. 44 , 52

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

**Determine which choice best continues the pattern.**

- 1) Determine which numbers best complete the pattern below.

19	23	27	31	35	?	?
----	----	----	----	----	---	---

- A. 39, 43  
 B. 37, 41  
 C. 31, 27  
 D. 43, 47

- 3) Determine which numbers best complete the pattern below.

61	56	51	46	41	?	?
----	----	----	----	----	---	---

- A. 31, 26  
 B. 36, 41  
 C. 36, 31  
 D. 34, 30

- 5) Determine which numbers best complete the pattern below.

91	83	75	67	59	?	?
----	----	----	----	----	---	---

- A. 43, 35  
 B. 51, 59  
 C. 51, 43  
 D. 49, 41

- 7) Determine which numbers best complete the pattern below.

1	10	19	28	37	?	?
---	----	----	----	----	---	---

- A. 28, 19  
 B. 55, 64  
 C. 46, 55  
 D. 48, 53

- 9) Determine which numbers best complete the pattern below.

48	42	36	30	24	?	?
----	----	----	----	----	---	---

- A. 18, 24  
 B. 16, 11  
 C. 18, 12  
 D. 12, 6

- 2) Determine which numbers best complete the pattern below.

32	35	38	41	44	?	?
----	----	----	----	----	---	---

- A. 47, 50  
 B. 41, 38  
 C. 50, 53  
 D. 46, 48

- 4) Determine which numbers best complete the pattern below.

19	25	31	37	43	?	?
----	----	----	----	----	---	---

- A. 37, 31  
 B. 55, 61  
 C. 48, 53  
 D. 49, 55

- 6) Determine which numbers best complete the pattern below.

47	50	53	56	59	?	?
----	----	----	----	----	---	---

- A. 62, 65  
 B. 65, 68  
 C. 56, 53  
 D. 64, 66

- 8) Determine which numbers best complete the pattern below.

36	40	44	48	52	?	?
----	----	----	----	----	---	---

- A. 56, 60  
 B. 48, 44  
 C. 55, 62  
 D. 60, 64

- 10) Determine which numbers best complete the pattern below.

84	76	68	60	52	?	?
----	----	----	----	----	---	---

- A. 44, 36  
 B. 36, 28  
 C. 46, 34  
 D. 44, 52

**Answers**1. **A**2. **A**3. **C**4. **D**5. **C**6. **A**7. **C**8. **A**9. **C**10. **A**



Determine which choice best continues the pattern.

**Answers**

- 1) Determine which numbers best complete the pattern below.

68	63	58	53	48	?	?
----	----	----	----	----	---	---

- A. 44 , 36
- B. 43 , 38
- C. 43 , 48
- D. 38 , 33

- 2) Determine which numbers best complete the pattern below.

45	54	63	72	81	?	?
----	----	----	----	----	---	---

- A. 92 , 98
- B. 99 , 108
- C. 90 , 99
- D. 72 , 63

- 3) Determine which numbers best complete the pattern below.

29	34	39	44	49	?	?
----	----	----	----	----	---	---

- A. 59 , 64
- B. 44 , 39
- C. 55 , 61
- D. 54 , 59

- 4) Determine which numbers best complete the pattern below.

2	9	16	23	30	?	?
---	---	----	----	----	---	---

- A. 38 , 42
- B. 23 , 16
- C. 37 , 44
- D. 44 , 51

- 5) Determine which numbers best complete the pattern below.

61	58	55	52	49	?	?
----	----	----	----	----	---	---

- A. 46 , 43
- B. 47 , 45
- C. 46 , 49
- D. 43 , 40

- 6) Determine which numbers best complete the pattern below.

97	88	79	70	61	?	?
----	----	----	----	----	---	---

- A. 52 , 61
- B. 52 , 43
- C. 53 , 44
- D. 43 , 34

- 7) Determine which numbers best complete the pattern below.

50	57	64	71	78	?	?
----	----	----	----	----	---	---

- A. 92 , 99
- B. 71 , 64
- C. 85 , 92
- D. 86 , 90

- 8) Determine which numbers best complete the pattern below.

99	90	81	72	63	?	?
----	----	----	----	----	---	---

- A. 56 , 47
- B. 54 , 45
- C. 45 , 36
- D. 54 , 63

- 9) Determine which numbers best complete the pattern below.

2	10	18	26	34	?	?
---	----	----	----	----	---	---

- A. 26 , 18
- B. 42 , 50
- C. 41 , 51
- D. 50 , 58

- 10) Determine which numbers best complete the pattern below.

15	24	33	42	51	?	?
----	----	----	----	----	---	---

- A. 61 , 67
- B. 69 , 78
- C. 60 , 69
- D. 42 , 33

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

**Determine which choice best continues the pattern.**

- 1) Determine which numbers best complete the pattern below.

68	63	58	53	48	?	?
----	----	----	----	----	---	---

- A. 44 , 36  
 B. 43 , 38  
 C. 43 , 48  
 D. 38 , 33

- 3) Determine which numbers best complete the pattern below.

29	34	39	44	49	?	?
----	----	----	----	----	---	---

- A. 59 , 64  
 B. 44 , 39  
 C. 55 , 61  
 D. 54 , 59

- 5) Determine which numbers best complete the pattern below.

61	58	55	52	49	?	?
----	----	----	----	----	---	---

- A. 46 , 43  
 B. 47 , 45  
 C. 46 , 49  
 D. 43 , 40

- 7) Determine which numbers best complete the pattern below.

50	57	64	71	78	?	?
----	----	----	----	----	---	---

- A. 92 , 99  
 B. 71 , 64  
 C. 85 , 92  
 D. 86 , 90

- 9) Determine which numbers best complete the pattern below.

2	10	18	26	34	?	?
---	----	----	----	----	---	---

- A. 26 , 18  
 B. 42 , 50  
 C. 41 , 51  
 D. 50 , 58

- 2) Determine which numbers best complete the pattern below.

45	54	63	72	81	?	?
----	----	----	----	----	---	---

- A. 92 , 98  
 B. 99 , 108  
 C. 90 , 99  
 D. 72 , 63

- 4) Determine which numbers best complete the pattern below.

2	9	16	23	30	?	?
---	---	----	----	----	---	---

- A. 38 , 42  
 B. 23 , 16  
 C. 37 , 44  
 D. 44 , 51

- 6) Determine which numbers best complete the pattern below.

97	88	79	70	61	?	?
----	----	----	----	----	---	---

- A. 52 , 61  
 B. 52 , 43  
 C. 53 , 44  
 D. 43 , 34

- 8) Determine which numbers best complete the pattern below.

99	90	81	72	63	?	?
----	----	----	----	----	---	---

- A. 56 , 47  
 B. 54 , 45  
 C. 45 , 36  
 D. 54 , 63

- 10) Determine which numbers best complete the pattern below.

15	24	33	42	51	?	?
----	----	----	----	----	---	---

- A. 61 , 67  
 B. 69 , 78  
 C. 60 , 69  
 D. 42 , 33

**Answers**1. **B**2. **C**3. **D**4. **C**5. **A**6. **B**7. **C**8. **B**9. **B**10. **C**



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

56	53	50	47	44	?	?
----	----	----	----	----	---	---

- A. 38 , 35
- B. 41 , 44
- C. 43 , 36
- D. 41 , 38

- 2) Determine which numbers best complete the pattern below.

78	69	60	51	42	?	?
----	----	----	----	----	---	---

- A. 24 , 15
- B. 32 , 25
- C. 33 , 42
- D. 33 , 24

- 3) Determine which numbers best complete the pattern below.

18	24	30	36	42	?	?
----	----	----	----	----	---	---

- A. 50 , 55
- B. 54 , 60
- C. 48 , 54
- D. 36 , 30

- 4) Determine which numbers best complete the pattern below.

25	32	39	46	53	?	?
----	----	----	----	----	---	---

- A. 46 , 39
- B. 67 , 74
- C. 60 , 67
- D. 61 , 65

- 5) Determine which numbers best complete the pattern below.

43	46	49	52	55	?	?
----	----	----	----	----	---	---

- A. 52 , 49
- B. 56 , 63
- C. 61 , 64
- D. 58 , 61

- 6) Determine which numbers best complete the pattern below.

65	60	55	50	45	?	?
----	----	----	----	----	---	---

- A. 35 , 30
- B. 38 , 33
- C. 40 , 35
- D. 40 , 45

- 7) Determine which numbers best complete the pattern below.

70	63	56	49	42	?	?
----	----	----	----	----	---	---

- A. 28 , 21
- B. 35 , 28
- C. 35 , 42
- D. 37 , 30

- 8) Determine which numbers best complete the pattern below.

40	37	34	31	28	?	?
----	----	----	----	----	---	---

- A. 22 , 19
- B. 26 , 23
- C. 25 , 22
- D. 25 , 28

- 9) Determine which numbers best complete the pattern below.

4	10	16	22	28	?	?
---	----	----	----	----	---	---

- A. 22 , 16
- B. 40 , 46
- C. 34 , 40
- D. 36 , 39

- 10) Determine which numbers best complete the pattern below.

97	88	79	70	61	?	?
----	----	----	----	----	---	---

- A. 52 , 61
- B. 43 , 34
- C. 52 , 43
- D. 54 , 44

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Determine which choice best continues the pattern.

- 1) Determine which numbers best complete the pattern below.

56	53	50	47	44	?	?
----	----	----	----	----	---	---

- A. 38 , 35
- B. 41 , 44
- C. 43 , 36
- D. 41 , 38

- 3) Determine which numbers best complete the pattern below.

18	24	30	36	42	?	?
----	----	----	----	----	---	---

- A. 50 , 55
- B. 54 , 60
- C. 48 , 54
- D. 36 , 30

- 5) Determine which numbers best complete the pattern below.

43	46	49	52	55	?	?
----	----	----	----	----	---	---

- A. 52 , 49
- B. 56 , 63
- C. 61 , 64
- D. 58 , 61

- 7) Determine which numbers best complete the pattern below.

70	63	56	49	42	?	?
----	----	----	----	----	---	---

- A. 28 , 21
- B. 35 , 28
- C. 35 , 42
- D. 37 , 30

- 9) Determine which numbers best complete the pattern below.

4	10	16	22	28	?	?
---	----	----	----	----	---	---

- A. 22 , 16
- B. 40 , 46
- C. 34 , 40
- D. 36 , 39

- 2) Determine which numbers best complete the pattern below.

78	69	60	51	42	?	?
----	----	----	----	----	---	---

- A. 24 , 15
- B. 32 , 25
- C. 33 , 42
- D. 33 , 24

- 4) Determine which numbers best complete the pattern below.

25	32	39	46	53	?	?
----	----	----	----	----	---	---

- A. 46 , 39
- B. 67 , 74
- C. 60 , 67
- D. 61 , 65

- 6) Determine which numbers best complete the pattern below.

65	60	55	50	45	?	?
----	----	----	----	----	---	---

- A. 35 , 30
- B. 38 , 33
- C. 40 , 35
- D. 40 , 45

- 8) Determine which numbers best complete the pattern below.

40	37	34	31	28	?	?
----	----	----	----	----	---	---

- A. 22 , 19
- B. 26 , 23
- C. 25 , 22
- D. 25 , 28

- 10) Determine which numbers best complete the pattern below.

97	88	79	70	61	?	?
----	----	----	----	----	---	---

- A. 52 , 61
- B. 43 , 34
- C. 52 , 43
- D. 54 , 44

**Answers**

- 1. **D**
- 2. **D**
- 3. **C**
- 4. **C**
- 5. **D**
- 6. **C**
- 7. **B**
- 8. **C**
- 9. **C**
- 10. **C**



**Determine which choice best continues the pattern.**

**Answers**

- 1) Determine which numbers best complete the pattern below.

35	38	41	44	47	?	?
----	----	----	----	----	---	---

- A. 50 , 53
- B. 44 , 41
- C. 53 , 56
- D. 49 , 54

- 2) Determine which numbers best complete the pattern below.

58	52	46	40	34	?	?
----	----	----	----	----	---	---

- A. 27 , 23
- B. 28 , 34
- C. 22 , 16
- D. 28 , 22

- 3) Determine which numbers best complete the pattern below.

100	92	84	76	68	?	?
-----	----	----	----	----	---	---

- A. 61 , 50
- B. 60 , 68
- C. 60 , 52
- D. 52 , 44

- 4) Determine which numbers best complete the pattern below.

69	64	59	54	49	?	?
----	----	----	----	----	---	---

- A. 39 , 34
- B. 42 , 37
- C. 44 , 49
- D. 44 , 39

- 5) Determine which numbers best complete the pattern below.

20	24	28	32	36	?	?
----	----	----	----	----	---	---

- A. 39 , 45
- B. 32 , 28
- C. 40 , 44
- D. 44 , 48

- 6) Determine which numbers best complete the pattern below.

4	13	22	31	40	?	?
---	----	----	----	----	---	---

- A. 31 , 22
- B. 58 , 67
- C. 47 , 56
- D. 49 , 58

- 7) Determine which numbers best complete the pattern below.

107	98	89	80	71	?	?
-----	----	----	----	----	---	---

- A. 61 , 55
- B. 62 , 71
- C. 62 , 53
- D. 53 , 44

- 8) Determine which numbers best complete the pattern below.

90	80	70	60	50	?	?
----	----	----	----	----	---	---

- A. 39 , 28
- B. 40 , 30
- C. 30 , 20
- D. 40 , 50

- 9) Determine which numbers best complete the pattern below.

27	30	33	36	39	?	?
----	----	----	----	----	---	---

- A. 36 , 33
- B. 45 , 48
- C. 40 , 47
- D. 42 , 45

- 10) Determine which numbers best complete the pattern below.

41	49	57	65	73	?	?
----	----	----	----	----	---	---

- A. 89 , 97
- B. 81 , 89
- C. 65 , 57
- D. 80 , 87

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Determine which choice best continues the pattern.

- 1) Determine which numbers best complete the pattern below.

35	38	41	44	47	?	?
----	----	----	----	----	---	---

- A. 50 , 53
- B. 44 , 41
- C. 53 , 56
- D. 49 , 54

- 3) Determine which numbers best complete the pattern below.

100	92	84	76	68	?	?
-----	----	----	----	----	---	---

- A. 61 , 50
- B. 60 , 68
- C. 60 , 52
- D. 52 , 44

- 5) Determine which numbers best complete the pattern below.

20	24	28	32	36	?	?
----	----	----	----	----	---	---

- A. 39 , 45
- B. 32 , 28
- C. 40 , 44
- D. 44 , 48

- 7) Determine which numbers best complete the pattern below.

107	98	89	80	71	?	?
-----	----	----	----	----	---	---

- A. 61 , 55
- B. 62 , 71
- C. 62 , 53
- D. 53 , 44

- 9) Determine which numbers best complete the pattern below.

27	30	33	36	39	?	?
----	----	----	----	----	---	---

- A. 36 , 33
- B. 45 , 48
- C. 40 , 47
- D. 42 , 45

- 2) Determine which numbers best complete the pattern below.

58	52	46	40	34	?	?
----	----	----	----	----	---	---

- A. 27 , 23
- B. 28 , 34
- C. 22 , 16
- D. 28 , 22

- 4) Determine which numbers best complete the pattern below.

69	64	59	54	49	?	?
----	----	----	----	----	---	---

- A. 39 , 34
- B. 42 , 37
- C. 44 , 49
- D. 44 , 39

- 6) Determine which numbers best complete the pattern below.

4	13	22	31	40	?	?
---	----	----	----	----	---	---

- A. 31 , 22
- B. 58 , 67
- C. 47 , 56
- D. 49 , 58

- 8) Determine which numbers best complete the pattern below.

90	80	70	60	50	?	?
----	----	----	----	----	---	---

- A. 39 , 28
- B. 40 , 30
- C. 30 , 20
- D. 40 , 50

- 10) Determine which numbers best complete the pattern below.

41	49	57	65	73	?	?
----	----	----	----	----	---	---

- A. 89 , 97
- B. 81 , 89
- C. 65 , 57
- D. 80 , 87

**Answers**

- 1.   **A**
- 2.   **D**
- 3.   **C**
- 4.   **D**
- 5.   **C**
- 6.   **D**
- 7.   **C**
- 8.   **B**
- 9.   **D**
- 10.   **B**





Determine which choice best continues the pattern.

**Answers**

- 1) Determine which numbers best complete the pattern below.

6	10	14	18	22	?	?
---	----	----	----	----	---	---

- A. 18 , 14
- B. 26 , 30
- C. 30 , 34
- D. 24 , 29

- 2) Determine which numbers best complete the pattern below.

72	68	64	60	56	?	?
----	----	----	----	----	---	---

- A. 53 , 49
- B. 52 , 48
- C. 52 , 56
- D. 48 , 44

- 3) Determine which numbers best complete the pattern below.

16	14	12	10	8	?	?
----	----	----	----	---	---	---

- A. 4 , 5
- B. 4 , 2
- C. 6 , 4
- D. 6 , 8

- 4) Determine which numbers best complete the pattern below.

35	42	49	56	63	?	?
----	----	----	----	----	---	---

- A. 56 , 49
- B. 68 , 78
- C. 70 , 77
- D. 77 , 84

- 5) Determine which numbers best complete the pattern below.

42	40	38	36	34	?	?
----	----	----	----	----	---	---

- A. 30 , 28
- B. 32 , 30
- C. 32 , 34
- D. 31 , 31

- 6) Determine which numbers best complete the pattern below.

11	17	23	29	35	?	?
----	----	----	----	----	---	---

- A. 29 , 23
- B. 41 , 47
- C. 47 , 53
- D. 40 , 45

- 7) Determine which numbers best complete the pattern below.

43	48	53	58	63	?	?
----	----	----	----	----	---	---

- A. 68 , 73
- B. 73 , 78
- C. 69 , 71
- D. 58 , 53

- 8) Determine which numbers best complete the pattern below.

7	9	11	13	15	?	?
---	---	----	----	----	---	---

- A. 13 , 11
- B. 19 , 17
- C. 19 , 21
- D. 17 , 19

- 9) Determine which numbers best complete the pattern below.

44	48	52	56	60	?	?
----	----	----	----	----	---	---

- A. 56 , 52
- B. 68 , 72
- C. 62 , 66
- D. 64 , 68

- 10) Determine which numbers best complete the pattern below.

88	80	72	64	56	?	?
----	----	----	----	----	---	---

- A. 40 , 32
- B. 49 , 39
- C. 48 , 40
- D. 48 , 56

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

**Determine which choice best continues the pattern.**

- 1) Determine which numbers best complete the pattern below.

6	10	14	18	22	?	?
---	----	----	----	----	---	---

- A. 18, 14  
 B. 26, 30  
 C. 30, 34  
 D. 24, 29

- 3) Determine which numbers best complete the pattern below.

16	14	12	10	8	?	?
----	----	----	----	---	---	---

- A. 4, 5  
 B. 4, 2  
 C. 6, 4  
 D. 6, 8

- 5) Determine which numbers best complete the pattern below.

42	40	38	36	34	?	?
----	----	----	----	----	---	---

- A. 30, 28  
 B. 32, 30  
 C. 32, 34  
 D. 31, 31

- 7) Determine which numbers best complete the pattern below.

43	48	53	58	63	?	?
----	----	----	----	----	---	---

- A. 68, 73  
 B. 73, 78  
 C. 69, 71  
 D. 58, 53

- 9) Determine which numbers best complete the pattern below.

44	48	52	56	60	?	?
----	----	----	----	----	---	---

- A. 56, 52  
 B. 68, 72  
 C. 62, 66  
 D. 64, 68

- 2) Determine which numbers best complete the pattern below.

72	68	64	60	56	?	?
----	----	----	----	----	---	---

- A. 53, 49  
 B. 52, 48  
 C. 52, 56  
 D. 48, 44

- 4) Determine which numbers best complete the pattern below.

35	42	49	56	63	?	?
----	----	----	----	----	---	---

- A. 56, 49  
 B. 68, 78  
 C. 70, 77  
 D. 77, 84

- 6) Determine which numbers best complete the pattern below.

11	17	23	29	35	?	?
----	----	----	----	----	---	---

- A. 29, 23  
 B. 41, 47  
 C. 47, 53  
 D. 40, 45

- 8) Determine which numbers best complete the pattern below.

7	9	11	13	15	?	?
---	---	----	----	----	---	---

- A. 13, 11  
 B. 19, 17  
 C. 19, 21  
 D. 17, 19

- 10) Determine which numbers best complete the pattern below.

88	80	72	64	56	?	?
----	----	----	----	----	---	---

- A. 40, 32  
 B. 49, 39  
 C. 48, 40  
 D. 48, 56

**Answers**1. **B**2. **B**3. **C**4. **C**5. **B**6. **B**7. **A**8. **D**9. **D**10. **C**



Determine which choice best continues the pattern.

**Answers**

- 1) Determine which numbers best complete the pattern below.

64	60	56	52	48	?	?
----	----	----	----	----	---	---

- A. 44 , 48
- B. 44 , 40
- C. 46 , 39
- D. 40 , 36

- 2) Determine which numbers best complete the pattern below.

6	8	10	12	14	?	?
---	---	----	----	----	---	---

- A. 18 , 20
- B. 15 , 17
- C. 16 , 18
- D. 12 , 10

- 3) Determine which numbers best complete the pattern below.

65	58	51	44	37	?	?
----	----	----	----	----	---	---

- A. 23 , 16
- B. 32 , 25
- C. 30 , 37
- D. 30 , 23

- 4) Determine which numbers best complete the pattern below.

70	64	58	52	46	?	?
----	----	----	----	----	---	---

- A. 40 , 46
- B. 38 , 35
- C. 40 , 34
- D. 34 , 28

- 5) Determine which numbers best complete the pattern below.

85	80	75	70	65	?	?
----	----	----	----	----	---	---

- A. 60 , 65
- B. 61 , 53
- C. 55 , 50
- D. 60 , 55

- 6) Determine which numbers best complete the pattern below.

71	68	65	62	59	?	?
----	----	----	----	----	---	---

- A. 53 , 50
- B. 56 , 59
- C. 58 , 55
- D. 56 , 53

- 7) Determine which numbers best complete the pattern below.

14	22	30	38	46	?	?
----	----	----	----	----	---	---

- A. 38 , 30
- B. 54 , 62
- C. 62 , 70
- D. 55 , 64

- 8) Determine which numbers best complete the pattern below.

14	23	32	41	50	?	?
----	----	----	----	----	---	---

- A. 59 , 68
- B. 58 , 67
- C. 41 , 32
- D. 68 , 77

- 9) Determine which numbers best complete the pattern below.

81	71	61	51	41	?	?
----	----	----	----	----	---	---

- A. 21 , 11
- B. 31 , 41
- C. 31 , 21
- D. 33 , 22

- 10) Determine which numbers best complete the pattern below.

100	91	82	73	64	?	?
-----	----	----	----	----	---	---

- A. 55 , 46
- B. 46 , 37
- C. 55 , 64
- D. 56 , 44

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

**Determine which choice best continues the pattern.**

- 1) Determine which numbers best complete the pattern below.

64	60	56	52	48	?	?
----	----	----	----	----	---	---

- A. 44 , 48  
 B. 44 , 40  
 C. 46 , 39  
 D. 40 , 36

- 3) Determine which numbers best complete the pattern below.

65	58	51	44	37	?	?
----	----	----	----	----	---	---

- A. 23 , 16  
 B. 32 , 25  
 C. 30 , 37  
 D. 30 , 23

- 5) Determine which numbers best complete the pattern below.

85	80	75	70	65	?	?
----	----	----	----	----	---	---

- A. 60 , 65  
 B. 61 , 53  
 C. 55 , 50  
 D. 60 , 55

- 7) Determine which numbers best complete the pattern below.

14	22	30	38	46	?	?
----	----	----	----	----	---	---

- A. 38 , 30  
 B. 54 , 62  
 C. 62 , 70  
 D. 55 , 64

- 9) Determine which numbers best complete the pattern below.

81	71	61	51	41	?	?
----	----	----	----	----	---	---

- A. 21 , 11  
 B. 31 , 41  
 C. 31 , 21  
 D. 33 , 22

- 2) Determine which numbers best complete the pattern below.

6	8	10	12	14	?	?
---	---	----	----	----	---	---

- A. 18 , 20  
 B. 15 , 17  
 C. 16 , 18  
 D. 12 , 10

- 4) Determine which numbers best complete the pattern below.

70	64	58	52	46	?	?
----	----	----	----	----	---	---

- A. 40 , 46  
 B. 38 , 35  
 C. 40 , 34  
 D. 34 , 28

- 6) Determine which numbers best complete the pattern below.

71	68	65	62	59	?	?
----	----	----	----	----	---	---

- A. 53 , 50  
 B. 56 , 59  
 C. 58 , 55  
 D. 56 , 53

- 8) Determine which numbers best complete the pattern below.

14	23	32	41	50	?	?
----	----	----	----	----	---	---

- A. 59 , 68  
 B. 58 , 67  
 C. 41 , 32  
 D. 68 , 77

- 10) Determine which numbers best complete the pattern below.

100	91	82	73	64	?	?
-----	----	----	----	----	---	---

- A. 55 , 46  
 B. 46 , 37  
 C. 55 , 64  
 D. 56 , 44

**Answers**

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