

**Determine which choice is not an equivalent equation.****Answers**

- 1) Which expression is not equal to

$(4 \times 5) \times 8$

- A. 15×8
B. 4×40
C. $4 \times (5 \times 8)$
D. 20×8

- 2) Which expression is not equal to

$(9 \times 8) \times 5$

- A. 9×48
B. 72×5
C. 9×40
D. $9 \times (8 \times 5)$

- 3) Which expression is not equal to

$(5 \times 6) \times 9$

- A. 30×9
B. 24×9
C. 5×54
D. $5 \times (6 \times 9)$

- 4) Which expression is not equal to

$(3 \times 10) \times 7$

- A. 3×70
B. $3 \times (10 \times 7)$
C. 3×80
D. 30×7

- 5) Which expression is not equal to

$3 \times (6 \times 4)$

- A. 3×24
B. 12×4
C. 18×4
D. $(3 \times 6) \times 4$

- 6) Which expression is not equal to

$9 \times (3 \times 2)$

- A. $(9 \times 3) \times 2$
B. 9×3
C. 27×2
D. 9×6

- 7) Which expression is not equal to

$10 \times (7 \times 9)$

- A. $(10 \times 7) \times 9$
B. 70×9
C. 10×63
D. 77×9

- 8) Which expression is not equal to

$(6 \times 2) \times 9$

- A. 12×9
B. 6×18
C. $6 + (2 \times 9)$
D. $6 \times (2 \times 9)$

- 9) Which expression is not equal to

$(8 \times 3) \times 2$

- A. 8×6
B. 27×2
C. $8 \times (3 \times 2)$
D. 24×2

- 10) Which expression is not equal to

$5 \times (4 \times 9)$

- A. $(5 + 4) \times 9$
B. $(5 \times 4) \times 9$
C. 5×36
D. 20×9

- 11) Which expression is not equal to

$(3 \times 9) \times 7$

- A. $3 \times (9 \times 7)$
B. 27×7
C. 36×7
D. 3×63

- 12) Which expression is not equal to

$4 \times (5 \times 6)$

- A. 20×6
B. $(4 \times 5) \times 6$
C. 15×6
D. 4×30

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is not an equivalent equation.****Answers**

1) Which expression is not equal to $(6 \times 4) \times 10$

- A. 6×36
B. 24×10
C. $6 \times (4 \times 10)$
D. 6×40

2) Which expression is not equal to $(8 \times 2) \times 10$

- A. 16×10
B. 8×20
C. $8 \times (2 \times 10)$
D. $8 + (2 \times 10)$

3) Which expression is not equal to $3 \times (9 \times 10)$

- A. $(3 \times 9) \times 10$
B. 27×10
C. 18×10
D. 3×90

4) Which expression is not equal to $4 \times (2 \times 7)$

- A. $(4 \times 2) \times 7$
B. 4×14
C. 8×7
D. 6×7

5) Which expression is not equal to $10 \times (4 \times 5)$

- A. 10×20
B. 44×5
C. $(10 \times 4) \times 5$
D. 40×5

6) Which expression is not equal to $10 \times (9 \times 5)$

- A. 90×5
B. $(10 \times 9) \times 5$
C. $(10 + 9) \times 5$
D. 10×45

7) Which expression is not equal to $(6 \times 3) \times 5$

- A. $6 \times (3 \times 5)$
B. 6×15
C. 15×5
D. 18×5

8) Which expression is not equal to $(7 \times 5) \times 9$

- A. 35×9
B. $7 \times (5 \times 9)$
C. 7×45
D. $7 + (5 \times 9)$

9) Which expression is not equal to $4 \times (9 \times 2)$

- A. $(4 \times 9) \times 2$
B. 4×18
C. 36×2
D. 27×2

10) Which expression is not equal to $3 \times (10 \times 7)$

- A. $(3 \times 10) \times 7$
B. 30×7
C. 3×70
D. 20×7

11) Which expression is not equal to $(6 \times 7) \times 8$

- A. 42×8
B. $6 \times (7 \times 8)$
C. 6×56
D. $6 + (7 \times 8)$

12) Which expression is not equal to $(2 \times 8) \times 4$

- A. $2 + (8 \times 4)$
B. 2×32
C. $2 \times (8 \times 4)$
D. 16×4

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(6 \times 4) \times 10$
A. 6×36
B. 24×10
C. $6 \times (4 \times 10)$
D. 6×40

2) Which expression is not equal to $(8 \times 2) \times 10$
A. 16×10
B. 8×20
C. $8 \times (2 \times 10)$
D. $8 + (2 \times 10)$

3) Which expression is not equal to $3 \times (9 \times 10)$
A. $(3 \times 9) \times 10$
B. 27×10
C. 18×10
D. 3×90

4) Which expression is not equal to $4 \times (2 \times 7)$
A. $(4 \times 2) \times 7$
B. 4×14
C. 8×7
D. 6×7

5) Which expression is not equal to $10 \times (4 \times 5)$
A. 10×20
B. 44×5
C. $(10 \times 4) \times 5$
D. 40×5

6) Which expression is not equal to $10 \times (9 \times 5)$
A. 90×5
B. $(10 \times 9) \times 5$
C. $(10 + 9) \times 5$
D. 10×45

7) Which expression is not equal to $(6 \times 3) \times 5$
A. $6 \times (3 \times 5)$
B. 6×15
C. 15×5
D. 18×5

8) Which expression is not equal to $(7 \times 5) \times 9$
A. 35×9
B. $7 \times (5 \times 9)$
C. 7×45
D. $7 + (5 \times 9)$

9) Which expression is not equal to $4 \times (9 \times 2)$
A. $(4 \times 9) \times 2$
B. 4×18
C. 36×2
D. 27×2

10) Which expression is not equal to $3 \times (10 \times 7)$
A. $(3 \times 10) \times 7$
B. 30×7
C. 3×70
D. 20×7

11) Which expression is not equal to $(6 \times 7) \times 8$
A. 42×8
B. $6 \times (7 \times 8)$
C. 6×56
D. $6 + (7 \times 8)$

12) Which expression is not equal to $(2 \times 8) \times 4$
A. $2 + (8 \times 4)$
B. 2×32
C. $2 \times (8 \times 4)$
D. 16×4

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

**Determine which choice is not an equivalent equation.****Answers**

- 1) Which expression is not equal to

$(5 \times 7) \times 2$

- A. 5×14
B. $5 \times (7 \times 2)$
C. 5×21
D. 35×2

- 2) Which expression is not equal to

$4 \times (10 \times 2)$

- A. 4×20
B. $(4 \times 10) \times 2$
C. $(4 + 10) \times 2$
D. 40×2

- 3) Which expression is not equal to

$5 \times (8 \times 6)$

- A. $(5 + 8) \times 6$
B. 5×48
C. 40×6
D. $(5 \times 8) \times 6$

- 4) Which expression is not equal to

$4 \times (5 \times 9)$

- A. 15×9
B. $(4 \times 5) \times 9$
C. 4×45
D. 20×9

- 5) Which expression is not equal to

$(8 \times 5) \times 2$

- A. 40×2
B. $8 \times (5 \times 2)$
C. 8×10
D. 35×2

- 6) Which expression is not equal to

$10 \times (3 \times 9)$

- A. 30×9
B. 10×27
C. $(10 + 3) \times 9$
D. $(10 \times 3) \times 9$

- 7) Which expression is not equal to

$(5 \times 7) \times 2$

- A. 42×2
B. $5 \times (7 \times 2)$
C. 5×14
D. 35×2

- 8) Which expression is not equal to

$2 \times (8 \times 4)$

- A. $(2 \times 8) \times 4$
B. 16×4
C. 2×32
D. 2×40

- 9) Which expression is not equal to

$5 \times (7 \times 3)$

- A. 28×3
B. $(5 \times 7) \times 3$
C. 5×21
D. 35×3

- 10) Which expression is not equal to

$2 \times (10 \times 4)$

- A. 2×30
B. 2×40
C. 20×4
D. $(2 \times 10) \times 4$

- 11) Which expression is not equal to

$(7 \times 10) \times 8$

- A. 70×8
B. $7 \times (10 \times 8)$
C. 7×80
D. 60×8

- 12) Which expression is not equal to

$9 \times (10 \times 5)$

- A. 9×60
B. 9×50
C. $(9 \times 10) \times 5$
D. 90×5

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is not an equivalent equation.****Answers**

1) Which expression is not equal to $(8 \times 6) \times 4$

- A. 8×18
B. 48×4
C. $8 \times (6 \times 4)$
D. 8×24

2) Which expression is not equal to $7 \times (3 \times 4)$

- A. $(7 \times 3) \times 4$
B. $(7 + 3) \times 4$
C. 7×12
D. 21×4

3) Which expression is not equal to $7 \times (9 \times 2)$

- A. 72×2
B. 63×2
C. 7×18
D. $(7 \times 9) \times 2$

4) Which expression is not equal to $6 \times (9 \times 5)$

- A. 54×5
B. $(6 \times 9) \times 5$
C. 63×5
D. 6×45

5) Which expression is not equal to $3 \times (4 \times 5)$

- A. $(3 \times 4) \times 5$
B. 12×5
C. $(3 + 4) \times 5$
D. 3×20

6) Which expression is not equal to $10 \times (7 \times 2)$

- A. 10×14
B. $(10 \times 7) \times 2$
C. 77×2
D. 70×2

7) Which expression is not equal to $10 \times (9 \times 6)$

- A. $(10 + 9) \times 6$
B. $(10 \times 9) \times 6$
C. 10×54
D. 90×6

8) Which expression is not equal to $(8 \times 9) \times 2$

- A. 63×2
B. 72×2
C. $8 \times (9 \times 2)$
D. 8×18

9) Which expression is not equal to $(9 \times 2) \times 8$

- A. $9 \times (2 \times 8)$
B. 18×8
C. 9×16
D. $9 + (2 \times 8)$

10) Which expression is not equal to $2 \times (10 \times 8)$

- A. $(2 \times 10) \times 8$
B. 2×70
C. 20×8
D. 2×80

11) Which expression is not equal to $(2 \times 6) \times 5$

- A. 2×30
B. 2×36
C. 12×5
D. $2 \times (6 \times 5)$

12) Which expression is not equal to $3 \times (10 \times 7)$

- A. $(3 + 10) \times 7$
B. 30×7
C. 3×70
D. $(3 \times 10) \times 7$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is not an equivalent equation.****Answers**

- 1) Which expression is not equal to

$(8 \times 4) \times 3$

A. $8 + (4 \times 3)$

B. 32×3

C. 8×12

D. $8 \times (4 \times 3)$

- 2) Which expression is not equal to

$(9 \times 6) \times 8$

A. $9 \times (6 \times 8)$

B. 54×8

C. 9×48

D. 9×54

- 3) Which expression is not equal to

$7 \times (8 \times 10)$

A. $(7 \times 8) \times 10$

B. 48×10

C. 56×10

D. 7×80

- 4) Which expression is not equal to

$(7 \times 4) \times 9$

A. $7 \times (4 \times 9)$

B. $7 + (4 \times 9)$

C. 7×36

D. 28×9

- 5) Which expression is not equal to

$3 \times (4 \times 5)$

A. $(3 \times 4) \times 5$

B. 3×20

C. 3×16

D. 12×5

- 6) Which expression is not equal to

$(10 \times 6) \times 8$

A. $10 + (6 \times 8)$

B. $10 \times (6 \times 8)$

C. 60×8

D. 10×48

- 7) Which expression is not equal to

$(8 \times 5) \times 10$

A. $8 \times (5 \times 10)$

B. $8 + (5 \times 10)$

C. 8×50

D. 40×10

- 8) Which expression is not equal to

$(2 \times 5) \times 8$

A. $2 + (5 \times 8)$

B. 10×8

C. 2×40

D. $2 \times (5 \times 8)$

- 9) Which expression is not equal to

$10 \times (7 \times 9)$

A. 63×9

B. $(10 \times 7) \times 9$

C. 70×9

D. 10×63

- 10) Which expression is not equal to

$3 \times (10 \times 6)$

A. $(3 \times 10) \times 6$

B. 3×60

C. 3×70

D. 30×6

- 11) Which expression is not equal to

$5 \times (9 \times 10)$

A. 5×90

B. $(5 \times 9) \times 10$

C. $(5 + 9) \times 10$

D. 45×10

- 12) Which expression is not equal to

$(4 \times 3) \times 2$

A. 4×3

B. 4×6

C. 12×2

D. $4 \times (3 \times 2)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(8 \times 4) \times 3$
A. $8 + (4 \times 3)$
B. 32×3
C. 8×12
D. $8 \times (4 \times 3)$
 - 2) Which expression is not equal to $(9 \times 6) \times 8$
A. $9 \times (6 \times 8)$
B. 54×8
C. 9×48
D. 9×54
 - 3) Which expression is not equal to $7 \times (8 \times 10)$
A. $(7 \times 8) \times 10$
B. 48×10
C. 56×10
D. 7×80
 - 4) Which expression is not equal to $(7 \times 4) \times 9$
A. $7 \times (4 \times 9)$
B. $7 + (4 \times 9)$
C. 7×36
D. 28×9
 - 5) Which expression is not equal to $3 \times (4 \times 5)$
A. $(3 \times 4) \times 5$
B. 3×20
C. 3×16
D. 12×5
 - 6) Which expression is not equal to $(10 \times 6) \times 8$
A. $10 + (6 \times 8)$
B. $10 \times (6 \times 8)$
C. 60×8
D. 10×48
 - 7) Which expression is not equal to $(8 \times 5) \times 10$
A. $8 \times (5 \times 10)$
B. $8 + (5 \times 10)$
C. 8×50
D. 40×10
 - 8) Which expression is not equal to $(2 \times 5) \times 8$
A. $2 + (5 \times 8)$
B. 10×8
C. 2×40
D. $2 \times (5 \times 8)$
 - 9) Which expression is not equal to $10 \times (7 \times 9)$
A. 63×9
B. $(10 \times 7) \times 9$
C. 70×9
D. 10×63
 - 10) Which expression is not equal to $3 \times (10 \times 6)$
A. $(3 \times 10) \times 6$
B. 3×60
C. 3×70
D. 30×6
 - 11) Which expression is not equal to $5 \times (9 \times 10)$
A. 5×90
B. $(5 \times 9) \times 10$
C. $(5 + 9) \times 10$
D. 45×10
 - 12) Which expression is not equal to $(4 \times 3) \times 2$
A. 4×3
B. 4×6
C. 12×2
D. $4 \times (3 \times 2)$

- | | |
|-----|----------|
| 1. | <u>A</u> |
| 2. | <u>D</u> |
| 3. | <u>B</u> |
| 4. | <u>B</u> |
| 5. | <u>C</u> |
| 6. | <u>A</u> |
| 7. | <u>B</u> |
| 8. | <u>A</u> |
| 9. | <u>A</u> |
| 10. | <u>C</u> |
| 11. | <u>C</u> |
| 12. | <u>A</u> |

**Determine which choice is not an equivalent equation.****Answers**

- 1) Which expression is not equal to

$5 \times (9 \times 3)$

A. 36×3

B. $(5 \times 9) \times 3$

C. 5×27

D. 45×3

- 2) Which expression is not equal to

$(7 \times 9) \times 4$

A. 7×36

B. $7 + (9 \times 4)$

C. 63×4

D. $7 \times (9 \times 4)$

- 3) Which expression is not equal to

$(9 \times 7) \times 8$

A. 63×8

B. $9 \times (7 \times 8)$

C. 9×49

D. 9×56

- 4) Which expression is not equal to

$(4 \times 10) \times 6$

A. $4 \times (10 \times 6)$

B. 40×6

C. 4×60

D. 50×6

- 5) Which expression is not equal to

$9 \times (2 \times 7)$

A. $(9 \times 2) \times 7$

B. 18×7

C. 9×14

D. 9×16

- 6) Which expression is not equal to

$6 \times (5 \times 4)$

A. $(6 \times 5) \times 4$

B. 6×20

C. 30×4

D. 6×15

- 7) Which expression is not equal to

$(9 \times 10) \times 8$

A. $9 \times (10 \times 8)$

B. 90×8

C. 100×8

D. 9×80

- 8) Which expression is not equal to

$9 \times (4 \times 3)$

A. 36×3

B. 40×3

C. 9×12

D. $(9 \times 4) \times 3$

- 9) Which expression is not equal to

$(3 \times 9) \times 4$

A. $3 \times (9 \times 4)$

B. 3×36

C. 36×4

D. 27×4

- 10) Which expression is not equal to

$(2 \times 9) \times 3$

A. 2×27

B. $2 \times (9 \times 3)$

C. 18×3

D. 2×18

- 11) Which expression is not equal to

$(10 \times 7) \times 9$

A. $10 \times (7 \times 9)$

B. 10×70

C. 70×9

D. 10×63

- 12) Which expression is not equal to

$(9 \times 8) \times 2$

A. 9×16

B. 80×2

C. 72×2

D. $9 \times (8 \times 2)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____





Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(6 \times 10) \times 4$
A. 6×40
B. $6 \times (10 \times 4)$
C. $6 + (10 \times 4)$
D. 60×4
 - 2) Which expression is not equal to $8 \times (3 \times 5)$
A. $(8 \times 3) \times 5$
B. 24×5
C. 8×15
D. $(8 + 3) \times 5$
 - 3) Which expression is not equal to $2 \times (9 \times 5)$
A. 18×5
B. 27×5
C. $(2 \times 9) \times 5$
D. 2×45
 - 4) Which expression is not equal to $(6 \times 7) \times 8$
A. 42×8
B. $6 + (7 \times 8)$
C. $6 \times (7 \times 8)$
D. 6×56
 - 5) Which expression is not equal to $2 \times (3 \times 9)$
A. 2×30
B. $(2 \times 3) \times 9$
C. 2×27
D. 6×9
 - 6) Which expression is not equal to $(6 \times 8) \times 4$
A. $6 \times (8 \times 4)$
B. 48×4
C. 56×4
D. 6×32
 - 7) Which expression is not equal to $(2 \times 3) \times 8$
A. 6×8
B. $2 \times (3 \times 8)$
C. $2 + (3 \times 8)$
D. 2×24
 - 8) Which expression is not equal to $(4 \times 6) \times 3$
A. 4×18
B. 24×3
C. 4×24
D. $4 \times (6 \times 3)$
 - 9) Which expression is not equal to $(3 \times 6) \times 4$
A. 3×24
B. 24×4
C. $3 \times (6 \times 4)$
D. 18×4
 - 10) Which expression is not equal to $3 \times (2 \times 9)$
A. 6×9
B. 3×18
C. $(3 \times 2) \times 9$
D. $(3 + 2) \times 9$
 - 11) Which expression is not equal to $(7 \times 8) \times 6$
A. 7×48
B. 7×40
C. 56×6
D. $7 \times (8 \times 6)$
 - 12) Which expression is not equal to $10 \times (6 \times 5)$
A. $(10 + 6) \times 5$
B. $(10 \times 6) \times 5$
C. 60×5
D. 10×30

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is not an equivalent equation.****Answers**

- 1) Which expression is not equal to

$4 \times (2 \times 10)$

A. 10×10

B. $(4 \times 2) \times 10$

C. 8×10

D. 4×20

- 2) Which expression is not equal to

$(2 \times 3) \times 4$

A. $2 \times (3 \times 4)$

B. 6×4

C. 2×9

D. 2×12

- 3) Which expression is not equal to

$8 \times (9 \times 7)$

A. $(8 \times 9) \times 7$

B. 72×7

C. $(8 + 9) \times 7$

D. 8×63

- 4) Which expression is not equal to

$9 \times (7 \times 3)$

A. $(9 \times 7) \times 3$

B. 63×3

C. $(9 + 7) \times 3$

D. 9×21

- 5) Which expression is not equal to

$4 \times (6 \times 2)$

A. 4×18

B. $(4 \times 6) \times 2$

C. 4×12

D. 24×2

- 6) Which expression is not equal to

$3 \times (9 \times 6)$

A. 27×6

B. 3×54

C. $(3 \times 9) \times 6$

D. $(3 + 9) \times 6$

- 7) Which expression is not equal to

$(5 \times 8) \times 6$

A. 5×48

B. 32×6

C. $5 \times (8 \times 6)$

D. 40×6

- 8) Which expression is not equal to

$(6 \times 5) \times 7$

A. 6×40

B. 6×35

C. $6 \times (5 \times 7)$

D. 30×7

- 9) Which expression is not equal to

$4 \times (6 \times 9)$

A. $(4 + 6) \times 9$

B. $(4 \times 6) \times 9$

C. 24×9

D. 4×54

- 10) Which expression is not equal to

$5 \times (6 \times 10)$

A. 30×10

B. $(5 \times 6) \times 10$

C. 5×60

D. 36×10

- 11) Which expression is not equal to

$8 \times (7 \times 3)$

A. 8×21

B. 49×3

C. 56×3

D. $(8 \times 7) \times 3$

- 12) Which expression is not equal to

$(4 \times 2) \times 7$

A. 4×12

B. $4 \times (2 \times 7)$

C. 8×7

D. 4×14

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $4 \times (2 \times 10)$
A. 10×10
B. $(4 \times 2) \times 10$
C. 8×10
D. 4×20
 - 2) Which expression is not equal to $(2 \times 3) \times 4$
A. $2 \times (3 \times 4)$
B. 6×4
C. 2×9
D. 2×12
 - 3) Which expression is not equal to $8 \times (9 \times 7)$
A. $(8 \times 9) \times 7$
B. 72×7
C. $(8 + 9) \times 7$
D. 8×63
 - 4) Which expression is not equal to $9 \times (7 \times 3)$
A. $(9 \times 7) \times 3$
B. 63×3
C. $(9 + 7) \times 3$
D. 9×21
 - 5) Which expression is not equal to $4 \times (6 \times 2)$
A. 4×18
B. $(4 \times 6) \times 2$
C. 4×12
D. 24×2
 - 6) Which expression is not equal to $3 \times (9 \times 6)$
A. 27×6
B. 3×54
C. $(3 \times 9) \times 6$
D. $(3 + 9) \times 6$
 - 7) Which expression is not equal to $(5 \times 8) \times 6$
A. 5×48
B. 32×6
C. $5 \times (8 \times 6)$
D. 40×6
 - 8) Which expression is not equal to $(6 \times 5) \times 7$
A. 6×40
B. 6×35
C. $6 \times (5 \times 7)$
D. 30×7
 - 9) Which expression is not equal to $4 \times (6 \times 9)$
A. $(4 + 6) \times 9$
B. $(4 \times 6) \times 9$
C. 24×9
D. 4×54
 - 10) Which expression is not equal to $5 \times (6 \times 10)$
A. 30×10
B. $(5 \times 6) \times 10$
C. 5×60
D. 36×10
 - 11) Which expression is not equal to $8 \times (7 \times 3)$
A. 8×21
B. 49×3
C. 56×3
D. $(8 \times 7) \times 3$
 - 12) Which expression is not equal to $(4 \times 2) \times 7$
A. 4×12
B. $4 \times (2 \times 7)$
C. 8×7
D. 4×14

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