Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 16NXP

2) 3 × 5 × 2 × N × X

3) 9NXP

4) 3N × 2X

5) 4NX

6) 20NX

7) 8NX

8) 20N

9) 8N

10) 2 × 4 × 5 × N

11) (3N)(4X)(3P)

12) (4NX)(5P)

13) 225N

A. 4NX × 4P

B. (2N)(2X)

C. (4N)(2)

D. 20NXP

E. 6NX

F. (4NX)(2)

G. 5 × 3 × 5 × 3 × N

H. 30NX

I. 40N

J. 3 × 3 × N × X × P

K. 5 × 4 × N

L. 5 × 4 × N × X

M. 36NXP

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 16NXP

2) 3 × 5 × 2 × N × X

3) 9NXP

4) 3N × 2X

5) 4NX

6) 20NX

7) 8NX

8) 20N

9) 8N

10) 2 × 4 × 5 × N

11) (3N)(4X)(3P)

12) (4NX)(5P)

13) 225N

A. 4NX × 4P

B. (2N)(2X)

C. (4N)(2)

D. 20NXP

E. 6NX

F. (4NX)(2)

G. 5 × 3 × 5 × 3 × N

H. 30NX

I. 40N

J. 3 × 3 × N × X × P

K. 5 × 4 × N

L. 5 × 4 × N × X

M. 36NXP

Answers

1. A
2. H
3. J
4. E
5. B
6. L
7. F
8. K
9. C
10. I
11. M
12. D
13. G

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 12QXI

2) 3 × 4 × 4 × 2 × Q

3) 4Q

4) 4 × 4 × 5 × Q

5) 15Q

6) 12QX

7) 10QX

8) 16QXI

9) (3Q)(3X)

10) 5 × 3 × Q × X

11) 9QXI

12) 15QXI

13) 20QX

A. 5Q × 4X

B. 96Q

C. 80Q

D. (2QX)(5)

E. (4QX)(4I)

F. 3 × 3 × Q × X × I

G. 9QX

H. (3Q)(5)

I. (2Q)(2X)(3I)

J. 15QX

K. 3QX × 5I

L. 2 × 2 × Q

M. 2 × 2 × 3 × Q × X

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 12QXI

2) 3 × 4 × 4 × 2 × Q

3) 4Q

4) 4 × 4 × 5 × Q

5) 15Q

6) 12QX

7) 10QX

8) 16QXI

9) (3Q)(3X)

10) 5 × 3 × Q × X

11) 9QXI

12) 15QXI

13) 20QX

A. 5Q × 4X

B. 96Q

C. 80Q

D. (2QX)(5)

E. (4QX)(4I)

F. 3 × 3 × Q × X × I

G. 9QX

H. (3Q)(5)

I. (2Q)(2X)(3I)

J. 15QX

K. 3QX × 5I

L. 2 × 2 × Q

M. 2 × 2 × 3 × Q × X

Answers

1. **I**
2. **B**
3. **L**
4. **C**
5. **H**
6. **M**
7. **D**
8. **E**
9. **G**
10. **J**
11. **F**
12. **K**
13. **A**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) (5FE)(5X)

2) (2FE)(3)

3) 5 × 5 × F

4) 6FE

5) 12F

6) 5FE × 5X

7) 16FE

8) 45FE

9) 20FE

10) 15FEX

11) 45FEX

12) 3 × 4 × 5 × 4 × F

13) 60F

A. 4 × 5 × F × E

B. 5 × 3 × F × E × X

C. 3F × 2E

D. 25FEX

E. (4F)(4E)

F. 25F

G. 5 × 3 × 4 × F

H. 6FE

I. 5 × 3 × 3 × F × E

J. 240F

K. (5F)(3E)(3X)

L. (4F)(3)

M. 25FEX

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) (5FE)(5X)

2) (2FE)(3)

3) 5 × 5 × F

4) 6FE

5) 12F

6) 5FE × 5X

7) 16FE

8) 45FE

9) 20FE

10) 15FEX

11) 45FEX

12) 3 × 4 × 5 × 4 × F

13) 60F

A. 4 × 5 × F × E

B. 5 × 3 × F × E × X

C. 3F × 2E

D. 25FEX

E. (4F)(4E)

F. 25F

G. 5 × 3 × 4 × F

H. 6FE

I. 5 × 3 × 3 × F × E

J. 240F

K. (5F)(3E)(3X)

L. (4F)(3)

M. 25FEX

Answers

1. **M**
2. **H**
3. **F**
4. **C**
5. **L**
6. **D**
7. **E**
8. **I**
9. **A**
10. **B**
11. **K**
12. **J**
13. **G**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 5MH × 5S

2) 20MH

3) (5M)(4)

4) (3M)(4H)

5) 5 × 4 × M × H × S

6) 10M

7) (3MH)(5S)

8) 5 × 5 × M × H

9) 75MH

10) 48MHS

11) (5MH)(5)

12) 4 × 5 × 3 × 5 × M

13) 100M

A. 4M × 5H

B. 12MH

C. 20MHS

D. 25MH

E. 15MHS

F. 300M

G. 5 × 5 × 4 × M

H. 2 × 5 × M

I. 25MHS

J. (4M)(3H)(4S)

K. 25MH

L. 3 × 5 × 5 × M × H

M. 20M

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 5MH × 5S

2) 20MH

3) (5M)(4)

4) (3M)(4H)

5) 5 × 4 × M × H × S

6) 10M

7) (3MH)(5S)

8) 5 × 5 × M × H

9) 75MH

10) 48MHS

11) (5MH)(5)

12) 4 × 5 × 3 × 5 × M

13) 100M

A. 4M × 5H

B. 12MH

C. 20MHS

D. 25MH

E. 15MHS

F. 300M

G. 5 × 5 × 4 × M

H. 2 × 5 × M

I. 25MHS

J. (4M)(3H)(4S)

K. 25MH

L. 3 × 5 × 5 × M × H

M. 20M

Answers

1. I
2. A
3. M
4. B
5. C
6. H
7. E
8. D
9. L
10. J
11. K
12. F
13. G

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 36L

2) 10LIO

3) 12LIO

4) (3L)(4I)

5) (4L)(5I)(2O)

6) 120L

7) 12LI

8) 25LI

9) 15LIO

10) 15L

11) 10L

12) 2 × 3 × 5 × L × I

13) 5L × 5I

A. 3 × 3 × 4 × L

B. 30LI

C. 12LI

D. 5 × 3 × L

E. (4LI)(3O)

F. (2L)(5)

G. (5LI)(5)

H. 2 × 4 × 3 × 5 × L

I. 25LI

J. 40LIO

K. 5 × 3 × L × I × O

L. 5LI × 2O

M. 4 × 3 × L × I

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 36L

2) 10LIO

3) 12LIO

4) (3L)(4I)

5) (4L)(5I)(2O)

6) 120L

7) 12LI

8) 25LI

9) 15LIO

10) 15L

11) 10L

12) 2 × 3 × 5 × L × I

13) 5L × 5I

A. 3 × 3 × 4 × L

B. 30LI

C. 12LI

D. 5 × 3 × L

E. (4LI)(3O)

F. (2L)(5)

G. (5LI)(5)

H. 2 × 4 × 3 × 5 × L

I. 25LI

J. 40LIO

K. 5 × 3 × L × I × O

L. 5LI × 2O

M. 4 × 3 × L × I

Answers

1. A
2. L
3. E
4. C
5. J
6. H
7. M
8. G
9. K
10. D
11. F
12. B
13. I

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) $3 \times 4 \times 4 \times 5 \times V$

2) $(5V)(2)$

3) $60VLP$

4) $4VL$

5) $3 \times 2 \times 3 \times V \times L$

6) $20VLP$

7) $5 \times 4 \times 5 \times V$

8) $6VLP$

9) $5VL \times 3P$

10) $(3V)(4L)$

11) $10VL$

12) $4V \times 3L$

13) $2 \times 5 \times V$

A. $10V$

B. $240V$

C. $(3V)(5L)(4P)$

D. $18VL$

E. $2 \times 3 \times V \times L \times P$

F. $5 \times 2 \times V \times L$

G. $100V$

H. $12VL$

I. $15VLP$

J. $12VL$

K. $10V$

L. $(5VL)(4P)$

M. $(2VL)(2)$

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) $3 \times 4 \times 4 \times 5 \times V$

2) $(5V)(2)$

3) $60VLP$

4) $4VL$

5) $3 \times 2 \times 3 \times V \times L$

6) $20VLP$

7) $5 \times 4 \times 5 \times V$

8) $6VLP$

9) $5VL \times 3P$

10) $(3V)(4L)$

11) $10VL$

12) $4V \times 3L$

13) $2 \times 5 \times V$

A. $10V$

B. $240V$

C. $(3V)(5L)(4P)$

D. $18VL$

E. $2 \times 3 \times V \times L \times P$

F. $5 \times 2 \times V \times L$

G. $100V$

H. $12VL$

I. $15VLP$

J. $12VL$

K. $10V$

L. $(5VL)(4P)$

M. $(2VL)(2)$

Answers

1. **B**
2. **K**
3. **C**
4. **M**
5. **D**
6. **L**
7. **G**
8. **E**
9. **I**
10. **J**
11. **F**
12. **H**
13. **A**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 4LK

2) 4L × 4K

3) 15LKC

4) (3L)(2K)(2C)

5) (5LK)(4)

6) 4LK

7) 25LKC

8) 48LK

9) (2LK)(3C)

10) 24L

11) 20L

12) 12L

13) 96L

A. 3 × 4 × 4 × L × K

B. 4 × 2 × 4 × 3 × L

C. 5LK × 5C

D. 20LK

E. 2 × 2 × L × K

F. 16LK

G. 12LKC

H. 4 × 2 × 3 × L

I. (2L)(2K)

J. (5L)(4)

K. 4 × 3 × L

L. 5 × 3 × L × K × C

M. 6LKC

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 4LK

2) 4L × 4K

3) 15LKC

4) (3L)(2K)(2C)

5) (5LK)(4)

6) 4LK

7) 25LKC

8) 48LK

9) (2LK)(3C)

10) 24L

11) 20L

12) 12L

13) 96L

A. 3 × 4 × 4 × L × K

B. 4 × 2 × 4 × 3 × L

C. 5LK × 5C

D. 20LK

E. 2 × 2 × L × K

F. 16LK

G. 12LKC

H. 4 × 2 × 3 × L

I. (2L)(2K)

J. (5L)(4)

K. 4 × 3 × L

L. 5 × 3 × L × K × C

M. 6LKC

Answers

1. **I**
2. **F**
3. **L**
4. **G**
5. **D**
6. **E**
7. **C**
8. **A**
9. **M**
10. **H**
11. **J**
12. **K**
13. **B**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 12UE

2) 2 × 3 × 2 × 5 × U

3) 15UEA

4) 8UEA

5) 40U

6) 4 × 4 × U × E

7) 3 × 4 × 2 × U × E

8) (2U)(4E)(2A)

9) 25UE

10) 6UEA

11) 5 × 4 × U

12) 2U × 4E

13) (2U)(4)

A. 8U

B. 8UE

C. 20U

D. 16UE

E. (5UE)(3A)

F. 24UE

G. 16UEA

H. 60U

I. (3UE)(4)

J. 5 × 4 × 2 × U

K. 2UE × 3A

L. 4 × 2 × U × E × A

M. (5U)(5E)

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 12UE

2) 2 × 3 × 2 × 5 × U

3) 15UEA

4) 8UEA

5) 40U

6) 4 × 4 × U × E

7) 3 × 4 × 2 × U × E

8) (2U)(4E)(2A)

9) 25UE

10) 6UEA

11) 5 × 4 × U

12) 2U × 4E

13) (2U)(4)

A. 8U

B. 8UE

C. 20U

D. 16UE

E. (5UE)(3A)

F. 24UE

G. 16UEA

H. 60U

I. (3UE)(4)

J. 5 × 4 × 2 × U

K. 2UE × 3A

L. 4 × 2 × U × E × A

M. (5U)(5E)

Answers

1. **I**
2. **H**
3. **E**
4. **L**
5. **J**
6. **D**
7. **F**
8. **G**
9. **M**
10. **K**
11. **C**
12. **B**
13. **A**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) (5IR)(2)

2) 8I

3) 20IRV

4) 25IR

5) 15IR

6) 8IRV

7) 10I

8) 10IR

9) 48I

10) 5 × 2 × 2 × I × R

11) 45IRV

12) 12I

13) 20IRV

A. (5I)(2R)

B. (4IR)(5V)

C. (4I)(2)

D. 2 × 4 × 3 × 2 × I

E. 2 × 3 × 2 × I

F. 4 × 2 × I × R × V

G. 5I × 3R

H. 2 × 5 × I

I. 10IR

J. (3I)(3R)(5V)

K. 5 × 5 × I × R

L. 20IR

M. 5IR × 4V

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) (5IR)(2)

2) 8I

3) 20IRV

4) 25IR

5) 15IR

6) 8IRV

7) 10I

8) 10IR

9) 48I

10) 5 × 2 × 2 × I × R

11) 45IRV

12) 12I

13) 20IRV

A. (5I)(2R)

B. (4IR)(5V)

C. (4I)(2)

D. 2 × 4 × 3 × 2 × I

E. 2 × 3 × 2 × I

F. 4 × 2 × I × R × V

G. 5I × 3R

H. 2 × 5 × I

I. 10IR

J. (3I)(3R)(5V)

K. 5 × 5 × I × R

L. 20IR

M. 5IR × 4V

Answers

1. **I**
2. **C**
3. **M**
4. **K**
5. **G**
6. **F**
7. **H**
8. **A**
9. **D**
10. **L**
11. **J**
12. **E**
13. **B**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name:

Match each expression on the left to the equivalent expression on the right.

1) 18L

2) (5LN)(5)

3) 10LN

4) 3 × 4 × L × N

5) 3 × 2 × L × N × H

6) 4 × 2 × 4 × L × N

7) 16LNH

8) 40LNH

9) 25L

10) 3LN × 4H

11) 3 × 3 × 4 × 3 × L

12) 25L

13) (5L)(3N)

A. 32LN

B. (5L)(5)

C. 108L

D. 12LNH

E. 12LN

F. 6LNH

G. (2L)(4N)(5H)

H. 3 × 2 × 3 × L

I. 5 × 5 × L

J. 2L × 5N

K. 15LN

L. 25LN

M. (4LN)(4H)

Answers

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

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Matching Equivalent Expressions

Name: **Answer Key**

Match each expression on the left to the equivalent expression on the right.

1) 18L

2) (5LN)(5)

3) 10LN

4) 3 × 4 × L × N

5) 3 × 2 × L × N × H

6) 4 × 2 × 4 × L × N

7) 16LNH

8) 40LNH

9) 25L

10) 3LN × 4H

11) 3 × 3 × 4 × 3 × L

12) 25L

13) (5L)(3N)

A. 32LN

B. (5L)(5)

C. 108L

D. 12LNH

E. 12LN

F. 6LNH

G. (2L)(4N)(5H)

H. 3 × 2 × 3 × L

I. 5 × 5 × L

J. 2L × 5N

K. 15LN

L. 25LN

M. (4LN)(4H)

Answers

1. **H**
2. **L**
3. **J**
4. **E**
5. **F**
6. **A**
7. **M**
8. **G**
9. **I**
10. **D**
11. **C**
12. **B**
13. **K**

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							