



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

1)  $(3b)(2c)(3r)$

A)  $54b$

2)  $9bcr$

B)  $12bc$

3)  $20bcr$

C)  $8bc$

4)  $(4bc)(2r)$

D)  $6bc$

5)  $20bc$

E)  $3 \times 3 \times b \times c \times r$

6)  $(3b)(2c)$

F)  $(3b)(2)$

7)  $2 \times 2 \times 3 \times b \times c$

G)  $5bc \times 4r$

8)  $6b$

H)  $8bc$

9)  $4b \times 2c$

I)  $5 \times 2 \times b$

10)  $75b$

J)  $18bcr$

11)  $2 \times 4 \times b \times c$

K)  $(5bc)(4)$

12)  $10b$

L)  $5 \times 5 \times 3 \times b$

13)  $2 \times 3 \times 3 \times 3 \times b$

M)  $8bcr$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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13. \_\_\_\_\_



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5)  $20bc$

E)  $3 \times 3 \times b \times c \times r$

6)  $(3b)(2c)$

F)  $(3b)(2)$

7)  $2 \times 2 \times 3 \times b \times c$

G)  $5bc \times 4r$

8)  $6b$

H)  $8bc$

9)  $4b \times 2c$

I)  $5 \times 2 \times b$

10)  $75b$

J)  $18bcr$

11)  $2 \times 4 \times b \times c$

K)  $(5bc)(4)$

12)  $10b$

L)  $5 \times 5 \times 3 \times b$

13)  $2 \times 3 \times 3 \times 3 \times b$

M)  $8bcr$

Answers

1.     **J**    

2.     **E**    

3.     **G**    

4.     **M**    

5.     **K**    

6.     **D**    

7.     **B**    

8.     **F**    

9.     **C**    

10.    **L**   

11.    **H**   

12.    **I**   

13.    **A**



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

Answers

- |                                   |  |
|-----------------------------------|--|
| 1) $20xy$                         | A) $6x$                                    |
| 2) $8xy$                          | B) $5 \times 4 \times x \times y$          |
| 3) $16xyz$                        | C) $40x$                                   |
| 4) $(5xy)(2)$                     | D) $10xy$                                  |
| 5) $2xy \times 3z$                | E) $8xyz$                                  |
| 6) $32xy$                         | F) $6xyz$                                  |
| 7) $(4xy)(2z)$                    | G) $2 \times 4 \times 4 \times x \times y$ |
| 8) $5 \times 4 \times 2 \times x$ | H) $3x \times 4y$                          |
| 9) $3 \times 2 \times x$          | I) $(2x)(4y)$                              |
| 10) $64x$                         | J) $4 \times 4 \times x \times y \times z$ |
| 11) $(3x)(2y)(3z)$                | K) $18xyz$                                 |
| 12) $12xy$                        | L) $2 \times 4 \times 4 \times 2 \times x$ |
| 13) $(3x)(5)$                     | M) $15x$                                   |

1. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

- |                                   |  |
|-----------------------------------|--|
| 1) $20xy$                         | A) $6x$                                    |
| 2) $8xy$                          | B) $5 \times 4 \times x \times y$          |
| 3) $16xyz$                        | C) $40x$                                   |
| 4) $(5xy)(2)$                     | D) $10xy$                                  |
| 5) $2xy \times 3z$                | E) $8xyz$                                  |
| 6) $32xy$                         | F) $6xyz$                                  |
| 7) $(4xy)(2z)$                    | G) $2 \times 4 \times 4 \times x \times y$ |
| 8) $5 \times 4 \times 2 \times x$ | H) $3x \times 4y$                          |
| 9) $3 \times 2 \times x$          | I) $(2x)(4y)$                              |
| 10) $64x$                         | J) $4 \times 4 \times x \times y \times z$ |
| 11) $(3x)(2y)(3z)$                | K) $18xyz$                                 |
| 12) $12xy$                        | L) $2 \times 4 \times 4 \times 2 \times x$ |
| 13) $(3x)(5)$                     | M) $15x$                                   |

Answers

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



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

**Answers**

- |   |  |
|---|--|
| 1) $4bf \times 5z$                          | A) $3 \times 4 \times b \times f$          |
| 2) $(3bf)(2z)$                              | B) $(3b)(4)$                               |
| 3) $4 \times 2 \times b$                    | C) $20bfz$                                 |
| 4) $45b$                                    | D) $6bfz$                                  |
| 5) $16bf$                                   | E) $4b \times 4f$                          |
| 6) $24bf$                                   | F) $8bfz$                                  |
| 7) $6bf$                                    | G) $4 \times 3 \times 2 \times b \times f$ |
| 8) $12b$                                    | H) $20bf$                                  |
| 9) $(5b)(4f)$                               | I) $2 \times 2 \times 2 \times 2 \times b$ |
| 10) $32bfz$                                 | J) $8b$                                    |
| 11) $12bf$                                  | K) $(4b)(4f)(2z)$                          |
| 12) $16b$                                   | L) $(2bf)(3)$                              |
| 13) $2 \times 4 \times b \times f \times z$ | M) $3 \times 5 \times 3 \times b$          |

1. \_\_\_\_\_
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6. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

- |   |  |
|---|--|
| 1) $4bf \times 5z$                          | A) $3 \times 4 \times b \times f$          |
| 2) $(3bf)(2z)$                              | B) $(3b)(4)$                               |
| 3) $4 \times 2 \times b$                    | C) $20bfz$                                 |
| 4) $45b$                                    | D) $6bfz$                                  |
| 5) $16bf$                                   | E) $4b \times 4f$                          |
| 6) $24bf$                                   | F) $8bfz$                                  |
| 7) $6bf$                                    | G) $4 \times 3 \times 2 \times b \times f$ |
| 8) $12b$                                    | H) $20bf$                                  |
| 9) $(5b)(4f)$                               | I) $2 \times 2 \times 2 \times 2 \times b$ |
| 10) $32bfz$                                 | J) $8b$                                    |
| 11) $12bf$                                  | K) $(4b)(4f)(2z)$                          |
| 12) $16b$                                   | L) $(2bf)(3)$                              |
| 13) $2 \times 4 \times b \times f \times z$ | M) $3 \times 5 \times 3 \times b$          |

Answers

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



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

Answers

- |                                   |  |
|-----------------------------------|--|
| 1) $10dh$                         | A) $12dhr$                                 |
| 2) $48d$                          | B) $2d \times 2h$                          |
| 3) $3 \times 4 \times 4 \times d$ | C) $16d$                                   |
| 4) $(4d)(4)$                      | D) $(3d)(4h)(2r)$                          |
| 5) $(3dh)(4r)$                    | E) $3dh \times 2r$                         |
| 6) $12dh$                         | F) $3 \times 2 \times d$                   |
| 7) $6d$                           | G) $3 \times 3 \times 5 \times d \times h$ |
| 8) $45dh$                         | H) $(3dh)(5)$                              |
| 9) $24dhr$                        | I) $(2d)(5h)$                              |
| 10) $4dh$                         | J) $48d$                                   |
| 11) $6dhr$                        | K) $2 \times 2 \times d \times h \times r$ |
| 12) $4dhr$                        | L) $4 \times 2 \times 2 \times 3 \times d$ |
| 13) $15dh$                        | M) $4 \times 3 \times d \times h$          |

1. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

- |                                   |  |
|-----------------------------------|--|
| 1) $10dh$                         | A) $12dhr$                                 |
| 2) $48d$                          | B) $2d \times 2h$                          |
| 3) $3 \times 4 \times 4 \times d$ | C) $16d$                                   |
| 4) $(4d)(4)$                      | D) $(3d)(4h)(2r)$                          |
| 5) $(3dh)(4r)$                    | E) $3dh \times 2r$                         |
| 6) $12dh$                         | F) $3 \times 2 \times d$                   |
| 7) $6d$                           | G) $3 \times 3 \times 5 \times d \times h$ |
| 8) $45dh$                         | H) $(3dh)(5)$                              |
| 9) $24dhr$                        | I) $(2d)(5h)$                              |
| 10) $4dh$                         | J) $48d$                                   |
| 11) $6dhr$                        | K) $2 \times 2 \times d \times h \times r$ |
| 12) $4dhr$                        | L) $4 \times 2 \times 2 \times 3 \times d$ |
| 13) $15dh$                        | M) $4 \times 3 \times d \times h$          |

Answers

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





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

Answers

- |  |  |
|--|--|
| 1) $8ek$                                   | A) $(2e)(3)$                               |
| 2) $15ek$                                  | B) $2 \times 4 \times 2 \times e$          |
| 3) $10ek$                                  | C) $4e \times 2k$                          |
| 4) $64e$                                   | D) $(5e)(3k)$                              |
| 5) $6e$                                    | E) $25ek$                                  |
| 6) $5 \times 5 \times e \times k$          | F) $50ek$                                  |
| 7) $5 \times 2 \times 5 \times e \times k$ | G) $80ekx$                                 |
| 8) $4ekx$                                  | H) $2 \times 4 \times 4 \times 2 \times e$ |
| 9) $9ekx$                                  | I) $3 \times 5 \times e \times k \times x$ |
| 10) $(5e)(4k)(4x)$                         | J) $3ek \times 3x$                         |
| 11) $3 \times 3 \times e$                  | K) $9e$                                    |
| 12) $15ekx$                                | L) $(2ek)(5)$                              |
| 13) $16e$                                  | M) $(2ek)(2x)$                             |

1. \_\_\_\_\_
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4. \_\_\_\_\_
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6. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

- |  |  |
|--|--|
| 1) $8ek$                                   | A) $(2e)(3)$                               |
| 2) $15ek$                                  | B) $2 \times 4 \times 2 \times e$          |
| 3) $10ek$                                  | C) $4e \times 2k$                          |
| 4) $64e$                                   | D) $(5e)(3k)$                              |
| 5) $6e$                                    | E) $25ek$                                  |
| 6) $5 \times 5 \times e \times k$          | F) $50ek$                                  |
| 7) $5 \times 2 \times 5 \times e \times k$ | G) $80ekx$                                 |
| 8) $4ekx$                                  | H) $2 \times 4 \times 4 \times 2 \times e$ |
| 9) $9ekx$                                  | I) $3 \times 5 \times e \times k \times x$ |
| 10) $(5e)(4k)(4x)$                         | J) $3ek \times 3x$                         |
| 11) $3 \times 3 \times e$                  | K) $9e$                                    |
| 12) $15ekx$                                | L) $(2ek)(5)$                              |
| 13) $16e$                                  | M) $(2ek)(2x)$                             |

Answers

- |     |                         |
|-----|-------------------------|
| 1.  | <u>    <b>C</b>    </u> |
| 2.  | <u>    <b>D</b>    </u> |
| 3.  | <u>    <b>L</b>    </u> |
| 4.  | <u>    <b>H</b>    </u> |
| 5.  | <u>    <b>A</b>    </u> |
| 6.  | <u>    <b>E</b>    </u> |
| 7.  | <u>    <b>F</b>    </u> |
| 8.  | <u>    <b>M</b>    </u> |
| 9.  | <u>    <b>J</b>    </u> |
| 10. | <u>    <b>G</b>    </u> |
| 11. | <u>    <b>K</b>    </u> |
| 12. | <u>    <b>I</b>    </u> |
| 13. | <u>    <b>B</b>    </u> |



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

Answers

- |   |  |
|---|--|
| 1) $(3m)(3w)(5y)$                           | A) $90m$                                   |
| 2) $8m$                                     | B) $2 \times 3 \times m \times w \times y$ |
| 3) $100m$                                   | C) $(2mw)(3)$                              |
| 4) $6mwy$                                   | D) $45mwy$                                 |
| 5) $12mw$                                   | E) $20mw$                                  |
| 6) $5m \times 4w$                           | F) $20mw$                                  |
| 7) $2 \times 3 \times m$                    | G) $4mw \times 3y$                         |
| 8) $12mwy$                                  | H) $5 \times 4 \times 5 \times m$          |
| 9) $5 \times 2 \times 2 \times m \times w$  | I) $(4m)(3w)$                              |
| 10) $20mwy$                                 | J) $6m$                                    |
| 11) $2 \times 3 \times 3 \times 5 \times m$ | K) $(5mw)(4y)$                             |
| 12) $15mw$                                  | L) $(4m)(2)$                               |
| 13) $6mw$                                   | M) $3 \times 5 \times m \times w$          |

1. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

1)  $(3m)(3w)(5y)$

A)  $90m$

2)  $8m$

B)  $2 \times 3 \times m \times w \times y$

3)  $100m$

C)  $(2mw)(3)$

4)  $6mwy$

D)  $45mwy$

5)  $12mw$

E)  $20mw$

6)  $5m \times 4w$

F)  $20mw$

7)  $2 \times 3 \times m$

G)  $4mw \times 3y$

8)  $12mwy$

H)  $5 \times 4 \times 5 \times m$

9)  $5 \times 2 \times 2 \times m \times w$

I)  $(4m)(3w)$

10)  $20mwy$

J)  $6m$

11)  $2 \times 3 \times 3 \times 5 \times m$

K)  $(5mw)(4y)$

12)  $15mw$

L)  $(4m)(2)$

13)  $6mw$

M)  $3 \times 5 \times m \times w$

Answers

1. D

2. L

3. H

4. B

5. I

6. F

7. J

8. G

9. E

10. K

11. A

12. M

13. C



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

- |  |  |
|--|--|
| 1) $(3b)(2f)$                              | A) $10b$                                   |
| 2) $3 \times 2 \times 3 \times b$          | B) $16b$                                   |
| 3) $4 \times 4 \times b$                   | C) $3 \times 2 \times 4 \times 2 \times b$ |
| 4) $2 \times 5 \times b \times f \times y$ | D) $18b$                                   |
| 5) $(3b)(4f)(2y)$                          | E) $6bf$                                   |
| 6) $48b$                                   | F) $25bf$                                  |
| 7) $12bfy$                                 | G) $3bf \times 4y$                         |
| 8) $4bf$                                   | H) $2 \times 2 \times b \times f$          |
| 9) $3 \times 5 \times 3 \times b \times f$ | I) $45bf$                                  |
| 10) $(5b)(2)$                              | J) $10bfy$                                 |
| 11) $4bf$                                  | K) $24bfy$                                 |
| 12) $(3bf)(5y)$                            | L) $15bfy$                                 |
| 13) $(5bf)(5)$                             | M) $2b \times 2f$                          |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



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

1)  $(3b)(2f)$

A)  $10b$

2)  $3 \times 2 \times 3 \times b$

B)  $16b$

3)  $4 \times 4 \times b$

C)  $3 \times 2 \times 4 \times 2 \times b$

4)  $2 \times 5 \times b \times f \times y$

D)  $18b$

5)  $(3b)(4f)(2y)$

E)  $6bf$

6)  $48b$

F)  $25bf$

7)  $12bfy$

G)  $3bf \times 4y$

8)  $4bf$

H)  $2 \times 2 \times b \times f$

9)  $3 \times 5 \times 3 \times b \times f$

I)  $45bf$

10)  $(5b)(2)$

J)  $10bfy$

11)  $4bf$

K)  $24bfy$

12)  $(3bf)(5y)$

L)  $15bfy$

13)  $(5bf)(5)$

M)  $2b \times 2f$

Answers

1. E

2. D

3. B

4. J

5. K

6. C

7. G

8. M

9. I

10. A

11. H

12. L

13. F



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

Answers

- |  |  |
|--|--|
| 1) $9cp$                                   | A) $9cp$                                   |
| 2) $25c$                                   | B) $8c$                                    |
| 3) $12cpw$                                 | C) $(4cp)(3w)$                             |
| 4) $48cpw$                                 | D) $10cp$                                  |
| 5) $36c$                                   | E) $3cp \times 4w$                         |
| 6) $(5cp)(4)$                              | F) $(4c)(4p)(3w)$                          |
| 7) $5c \times 2p$                          | G) $45cp$                                  |
| 8) $12cpw$                                 | H) $3 \times 3 \times 4 \times c$          |
| 9) $3 \times 5 \times 3 \times c \times p$ | I) $5 \times 5 \times 4 \times 3 \times c$ |
| 10) $300c$                                 | J) $5 \times 5 \times c$                   |
| 11) $(2c)(4)$                              | K) $3 \times 3 \times c \times p$          |
| 12) $10cpw$                                | L) $2 \times 5 \times c \times p \times w$ |
| 13) $(3c)(3p)$                             | M) $20cp$                                  |

1. \_\_\_\_\_
2. \_\_\_\_\_
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6. \_\_\_\_\_
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12. \_\_\_\_\_
13. \_\_\_\_\_



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

- |  |  |
|--|--|
| 1) $9cp$                                   | A) $9cp$                                   |
| 2) $25c$                                   | B) $8c$                                    |
| 3) $12cpw$                                 | C) $(4cp)(3w)$                             |
| 4) $48cpw$                                 | D) $10cp$                                  |
| 5) $36c$                                   | E) $3cp \times 4w$                         |
| 6) $(5cp)(4)$                              | F) $(4c)(4p)(3w)$                          |
| 7) $5c \times 2p$                          | G) $45cp$                                  |
| 8) $12cpw$                                 | H) $3 \times 3 \times 4 \times c$          |
| 9) $3 \times 5 \times 3 \times c \times p$ | I) $5 \times 5 \times 4 \times 3 \times c$ |
| 10) $300c$                                 | J) $5 \times 5 \times c$                   |
| 11) $(2c)(4)$                              | K) $3 \times 3 \times c \times p$          |
| 12) $10cpw$                                | L) $2 \times 5 \times c \times p \times w$ |
| 13) $(3c)(3p)$                             | M) $20cp$                                  |

Answers

- |     |                         |
|-----|-------------------------|
| 1.  | <u>    <b>K</b>    </u> |
| 2.  | <u>    <b>J</b>    </u> |
| 3.  | <u>    <b>C</b>    </u> |
| 4.  | <u>    <b>F</b>    </u> |
| 5.  | <u>    <b>H</b>    </u> |
| 6.  | <u>    <b>M</b>    </u> |
| 7.  | <u>    <b>D</b>    </u> |
| 8.  | <u>    <b>E</b>    </u> |
| 9.  | <u>    <b>G</b>    </u> |
| 10. | <u>    <b>I</b>    </u> |
| 11. | <u>    <b>B</b>    </u> |
| 12. | <u>    <b>L</b>    </u> |
| 13. | <u>    <b>A</b>    </u> |





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

1)  $(3a)(4)$

A)  $18a$

2)  $(5a)(2e)(3x)$

B)  $6ae$

3)  $4ae \times 3x$

C)  $12aex$

4)  $4 \times 4 \times 5 \times a \times e$

D)  $3 \times 2 \times a \times e \times x$

5)  $9aex$

E)  $48a$

6)  $4ae$

F)  $80ae$

7)  $3 \times 2 \times 3 \times a$

G)  $30aex$

8)  $2 \times 3 \times a \times e$

H)  $(2a)(2e)$

9)  $12ae$

I)  $3a \times 2e$

10)  $6aex$

J)  $(3ae)(3x)$

11)  $2 \times 3 \times 2 \times 4 \times a$

K)  $12a$

12)  $12a$

L)  $(4ae)(3)$

13)  $6ae$

M)  $4 \times 3 \times a$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_



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

- |   |  |
|---|--|
| 1) $(3a)(4)$                                | A) $18a$                                   |
| 2) $(5a)(2e)(3x)$                           | B) $6ae$                                   |
| 3) $4ae \times 3x$                          | C) $12aex$                                 |
| 4) $4 \times 4 \times 5 \times a \times e$  | D) $3 \times 2 \times a \times e \times x$ |
| 5) $9aex$                                   | E) $48a$                                   |
| 6) $4ae$                                    | F) $80ae$                                  |
| 7) $3 \times 2 \times 3 \times a$           | G) $30aex$                                 |
| 8) $2 \times 3 \times a \times e$           | H) $(2a)(2e)$                              |
| 9) $12ae$                                   | I) $3a \times 2e$                          |
| 10) $6aex$                                  | J) $(3ae)(3x)$                             |
| 11) $2 \times 3 \times 2 \times 4 \times a$ | K) $12a$                                   |
| 12) $12a$                                   | L) $(4ae)(3)$                              |
| 13) $6ae$                                   | M) $4 \times 3 \times a$                   |

Answers

- |     |                         |
|-----|-------------------------|
| 1.  | <u>    <b>K</b>    </u> |
| 2.  | <u>    <b>G</b>    </u> |
| 3.  | <u>    <b>C</b>    </u> |
| 4.  | <u>    <b>F</b>    </u> |
| 5.  | <u>    <b>J</b>    </u> |
| 6.  | <u>    <b>H</b>    </u> |
| 7.  | <u>    <b>A</b>    </u> |
| 8.  | <u>    <b>B</b>    </u> |
| 9.  | <u>    <b>L</b>    </u> |
| 10. | <u>    <b>D</b>    </u> |
| 11. | <u>    <b>E</b>    </u> |
| 12. | <u>    <b>M</b>    </u> |
| 13. | <u>    <b>I</b>    </u> |



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

Answers

- |   |  |
|---|--|
| 1) $12emx$                                  | A) $4 \times 3 \times e$                   |
| 2) $40emx$                                  | B) $8emx$                                  |
| 3) $400e$                                   | C) $16em$                                  |
| 4) $(2em)(4x)$                              | D) $12em$                                  |
| 5) $12e$                                    | E) $24em$                                  |
| 6) $20e$                                    | F) $5 \times 4 \times 4 \times 5 \times e$ |
| 7) $10emx$                                  | G) $(5e)(4)$                               |
| 8) $4e \times 4m$                           | H) $24e$                                   |
| 9) $(4e)(3m)$                               | I) $4em \times 3x$                         |
| 10) $3 \times 2 \times 4 \times e$          | J) $2 \times 4 \times e \times m$          |
| 11) $8em$                                   | K) $(4e)(5m)(2x)$                          |
| 12) $12em$                                  | L) $5 \times 2 \times e \times m \times x$ |
| 13) $4 \times 3 \times 2 \times e \times m$ | M) $(4em)(3)$                              |

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



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

1)  $12emx$

A)  $4 \times 3 \times e$

2)  $40emx$

B)  $8emx$

3)  $400e$

C)  $16em$

4)  $(2em)(4x)$

D)  $12em$

5)  $12e$

E)  $24em$

6)  $20e$

F)  $5 \times 4 \times 4 \times 5 \times e$

7)  $10emx$

G)  $(5e)(4)$

8)  $4e \times 4m$

H)  $24e$

9)  $(4e)(3m)$

I)  $4em \times 3x$

10)  $3 \times 2 \times 4 \times e$

J)  $2 \times 4 \times e \times m$

11)  $8em$

K)  $(4e)(5m)(2x)$

12)  $12em$

L)  $5 \times 2 \times e \times m \times x$

13)  $4 \times 3 \times 2 \times e \times m$

M)  $(4em)(3)$

Answers

1. I

2. K

3. F

4. B

5. A

6. G

7. L

8. C

9. D

10. H

11. J

12. M

13. E