



Find the greatest common factor

1

Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors

$$10(= 2 \times 5)$$

$$6(= 2 \times 3)$$

A 2

B 15

C 1

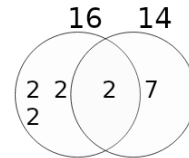
D 3

E 6

F 10

2

Find the GCF of these numbers by multiplying the shared factors in the center



A 2

B 6

C 3

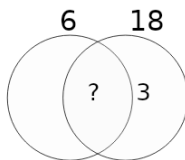
D 10

E 15

F 14

3

Complete the factor diagram and find the GCF of these numbers.



A 5

B 6

C 25

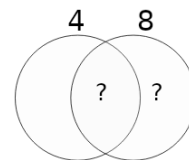
D 4

E 20

F 16

4

Use the factor diagram to find the greatest common factor of these numbers.



A 15

B 21

C 7

D 22

E 4

F 5

5

What is the greatest common factor of these terms?

$$3w + 6$$

A

B

2

3

6

6, 10

A 4

B 9

C 2

D 3

E 7

F 13

7

6, 12

A 27

B 32

C 4

D 6

E 16

F 1

8

12, 9

A 10

B 3

C 1

D 13

E 2

F 5



Find the greatest common factor

9

10, 6

A 10	B 7	C 1
D 3	E 2	F 14

10

2, 12

A 14	B 12	C 1
D 10	E 9	F 2

11

9, 3

A 19	B 3	C 21
D 25	E 10	F 7

12

10, 5

A 2	B 27	C 4
D 5	E 29	F 32