



Factors and Multiples

1 Can 190 be divided by 12

190



12

A Yes

B No

2 Is this a prime or a composite number?

23

A Prime

B Composite

3 Find the greatest common factor of these numbers

10, 6

A 7

B 1

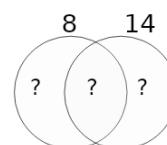
C 3

D 10

E 14

F 2

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



A 5
D 8

B 2
E 3

C 7
F 13

5 Find the lowest common multiple of these numbers

3, 6

A 1

B 22

C 6

D 9

E 43

F 23

6 Find the lowest common multiple of these numbers

22, 14, 12

A 924

B 2,774

C 462

D 1,850

E 6,466

F 2,768

7 Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$$8(= 2 \times 2 \times 2)$$

$$5(= 5)$$

A 40

B 204

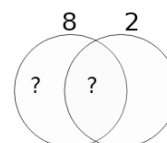
C 35

D 7

E 37

F 244

8 Use the factor diagram to find the lowest common multiple of these numbers



A 25
D 10

B 41
E 19

C 1
F 8