



Find the least common multiple

1

What lowest common denominator would you use to subtract these fractions?

$$\frac{6}{7} - \frac{1}{14}$$

A 10	B 5	C 20
D 8	E 14	F 16

2

What lowest common denominator would you use to add these fractions?

$$1\frac{2}{7} + \frac{7}{21}$$

A 21	B 17	C 39
D 9	E 7	F 15

3

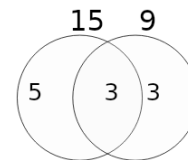
What lowest common denominator would you use to add these fractions?

$$3\frac{1}{2} + \frac{5}{7}$$

A 11	B 10	C 13
D 14	E 17	F 20

4

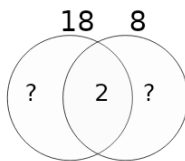
Find the LCM of these numbers by multiplying the set of all distinct prime factors



A 10	B 12	C 4
D 45	E 41	F 16

5

Complete the factor diagram and use it to find lowest common multiple of these numbers.



A 27	B 364	C 67
D 140	E 72	F 145

6

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

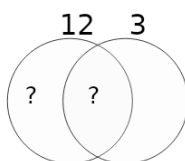
$$10(= 2 \times 5)$$

$$15(= 3 \times 5)$$

A 29	B 34	C 118
D 30	E 33	F 26

7

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



A 84	B 2	C 4
D 63	E 12	F 80

8

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

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

$$5(= 5)$$

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

A 26	B 30	C 3
D 207	E 29	F 7



Find the least common multiple

9

10, 9

A 93

B 631

C 31

D 90

E 34

F 47

10

4, 7, 11

A 1,229

B 30

C 1,851

D 1,538

E 308

F 155

11

10, 4

A 11

B 20

C 23

D 118

E 18

F 144

12

7, 2, 4

A 29

B 24

C 11

D 14

E 28

F 58