



Finding Lowest Common Multiple from Factorizations

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

A	B	C
325	165	824
D	E	F
993	163	332

$11(= 11)$
 $15(= 3 \times 5)$

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

A	B	C
3	8	203
D	E	F
712	5	102

$17(= 17)$
 $6(= 2 \times 3)$

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

$8(= 2 \times 2 \times 2)$
 $11(= 11)$

A	B	C	D	E	F
41	88	356	352	436	353

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

$14(= 2 \times 7)$
 $8(= 2 \times 2 \times 2)$

A	B	C	D	E	F
59	31	388	165	116	56

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

A	B	C
207	15	125
D	E	F
41	42	79

$6(= 2 \times 3)$
 $14(= 2 \times 7)$

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

A	B	C
70	487	349
D	E	F
16	14	68

$10(= 2 \times 5)$
 $14(= 2 \times 7)$

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

A	B	C
493	211	70
D	E	F
14	73	66

$14(= 2 \times 7)$
 $10(= 2 \times 5)$

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

A	B	C
593	4	12
D	E	F
119	114	359

$17(= 17)$
 $7(= 7)$