



Finding Greatest Common Factor from Factorizations

1 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $15(= 3 \times 5)$
 $18(= 2 \times 3 \times 3)$

A	B	C	D	E	F
10	8	3	16	1	4

2 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $16(= 2 \times 2 \times 2 \times 2)$
 $10(= 2 \times 5)$

A	B	C	D	E	F
9	6	3	1	11	2

3 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $16(= 2 \times 2 \times 2 \times 2)$
 $18(= 2 \times 3 \times 3)$

A	B	C	D	E	F
8	14	10	1	13	2

4 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $16(= 2 \times 2 \times 2 \times 2)$
 $12(= 2 \times 2 \times 3)$

A	B	C	D	E	F
6	2	8	4	1	5

5 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $6(= 2 \times 3)$
 $16(= 2 \times 2 \times 2 \times 2)$

A	B	C	D	E	F
8	1	4	2	6	5

6 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $9(= 3 \times 3)$
 $18(= 2 \times 3 \times 3)$

A	B	C	D	E	F
1	10	29	9	2	66

7 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $18(= 2 \times 3 \times 3)$
 $8(= 2 \times 2 \times 2)$

A	B	C	D	E	F
13	4	11	1	2	9

8 Find the greatest common factor of these numbers from their factorization by choosing the set of shared factors
 $18(= 2 \times 3 \times 3)$
 $9(= 3 \times 3)$

A	B	C	D	E	F
42	52	9	64	6	39