



Math worksheet on 'Finding Greatest Common Factor from Factorizations (Level 3)'. Part of a broader unit on 'Factoring and Greatest Common Factor - Intro'

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

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

$$16(= 2 \times 2 \times 2 \times 2)$$

a	b	c	d	e	f
3	13	1	2	7	5

2 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
29	66	1	2	10	9

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

$$12(= 2 \times 2 \times 3)$$

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

a	b	c	d	e	f
7	6	2	11	3	1

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

$$16(= 2 \times 2 \times 2 \times 2)$$

$$18(= 2 \times 3 \times 3)$$

a	b	c	d	e	f
13	8	1	2	10	14

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

$$16(= 2 \times 2 \times 2 \times 2)$$

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

a	b	c	d	e	f
6	1	2	16	8	3

6 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
4	8	5	6	2	1

7 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
1	8	4	10	3	16