Math worksheet on *'Finding Lowest Common Multiple from Factorizations (Level 3)'*. Part of a broader unit on *'Factoring and Lowest Common Multiple - Practice'*

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

$$10(=2\times5)$$
$$16(=2\times2\times2\times2)$$

a	b	c	d	e	f
37	78	319	80	477	79

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

$$16(=2\times2\times2\times2)$$
$$11(=11)$$

a	b	c	d	e	f
176	11	1,053	703	89	86

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

$$8(=2\times2\times2)$$
$$11(=11)$$

a	b	c	d	e	f
41	88	436	353	352	356

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

$$7(=7)$$
$$13(=13)$$

a	b	c
16	2	639
d	**e**	**f**
87	91	86

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

$$15(=3\times5)$$
$$18(=2\times3\times3)$$

a	b	c	d	e	f
452	542	631	90	88	91

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

$$6(=2\times3)$$
$$14(=2\times7)$$

a	b	c
42	79	41
d	**e**	**f**
15	125	207

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

$$18(=2\times3\times3)$$
$$9(=3\times3)$$

a	b	c	d	e	f
39	91	17	85	18	1