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

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

$18(=2\times3\times3)$
$10(=2\times5)$
$11(=11)$

a	b	c
990	93	985
d	**e**	**f**
3,961	986	326

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

$6(=2\times3)$
$13(=13)$
$16(=2\times2\times2\times2)$

a	b	c
1,875	3,748	1,869
d	**e**	**f**
205	628	624

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

$11(=11)$
$13(=13)$
$14(=2\times7)$

a	b
12,016	6,001
c	**d**
2002	6,003
e	**f**
185	178

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

$9(=3\times3)$
$10(=2\times5)$
$12(=2\times2\times3)$

a	b	c
56	355	357
d	**e**	**f**
180	55	88

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

$14(=2\times7)$
$11(=11)$
$9(=3\times3)$

a	b	c
1386	9,701	695
d	**e**	**f**
1,385	2,768	9,706

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

$18(=2\times3\times3)$
$17(=17)$
$13(=13)$

a	b
1,328	23,871
c	**d**
3,977	3978
e	**f**
1,984	230

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

$7(=7)$
$18(=2\times3\times3)$
$10(=2\times5)$

a	b	c
205	212	121
d	**e**	**f**
630	126	310