Math worksheet on *'Finding Lowest Common Multiple Distinct Factors - 3 Numbers (Level 2)'*. Part of a broader unit on *'Factoring and Lowest Common Multiple - Practice'*

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1 Find the set of all the distinct prime factors of these numbers

6, 13, 12

a	{2, 3, 13, 2, 4}
b	{2, 3, 13}
c	{2, 3, 13, 2}
d	{2, 3, 13, 7}
e	{2, 7, 13, 2}
f	{3, 13, 2}

2 Find the set of all the distinct prime factors of these numbers

9, 5, 14

a	{3, 7, 5, 2, 7}
b	{3, 5, 2, 7}
c	{7, 3, 5, 2, 7}
d	{2, 3, 5, 2, 7}
e	{3, 3, 5, 2, 7}
f	{3, 3, 5, 2, 7, 7}

3 Find the set of all the distinct prime factors of these numbers

9, 11, 7

a	{5, 3, 11, 7}
b	{3, 3, 11, 6}
c	{4, 3, 11, 7}
d	{3, 3, 11, 7}
e	{3, 3, 7}
f	{3, 6, 11, 7}

4 Find the set of all the distinct prime factors of these numbers

10, 11, 4

a	{3, 5, 11, 2}
b	{2, 5, 11, 2, 4}
c	{5, 5, 11, 2}
d	{2, 5, 11, 6}
e	{2, 2, 11, 2}
f	{2, 5, 11, 2}

5 Find the set of all the distinct prime factors of these numbers

4, 6, 13

a	{2, 2, 3}
b	{2, 2, 3, 13}
c	{2, 2, 3, 4}
d	{2, 6, 3, 13}
e	{2, 2, 3, 13, 7}
f	{2, 2, 3, 13, 2}

6 Find the set of all the distinct prime factors of these numbers

10, 14, 5

a	{2, 5, 7, 6}
b	{2, 7, 7, 4, 2}
c	{2, 5, 7, 5}
d	{2, 5, 5}
e	{6, 5, 7}
f	{2, 5, 7}

7 Find the set of all the distinct prime factors of these numbers

7, 14, 4

a	{7, 6, 2}
b	{7, 2, 2, 2}
c	{7, 2, 2, 6}
d	{7, 2, 2, 3}
e	{7, 2, 2}
f	{7, 2, 5, 4, 6}