

Worksheet

09/23/2018

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Problem quickname: 1435

1)

List all the factors of...

Quick:
1435

- a) $F_{23} = \{1, 23\}$ b) $F_{38} = \{1, 2, 19, 38\}$ c) $F_{22} = \{1, 2, 11, 22\}$
 d) $F_{49} = \{1, 7, 49\}$ e) $F_{37} = \{1, 37\}$ f) $F_{25} = \{1, 5, 25\}$
 g) $F_{33} = \{1, 3, 11, 33\}$ h) $F_{39} = \{1, 3, 13, 39\}$ i) $F_{35} = \{1, 5, 7, 35\}$
 j) $F_{24} = \{1, 2, 3, 4, 6, 8, 12, 24\}$

2)

List all the factors of...

Quick:
1435

- a) $F_{25} = \{1, 5, 25\}$ b) $F_{82} = \{1, 2, 41, 82\}$ c) $F_{42} = \{1, 2, 3, 6, 7, 14, 21, 42\}$
 d) $F_{46} = \{1, 2, 23, 46\}$ e) $F_{20} = \{1, 2, 4, 5, 10, 20\}$ f) $F_{57} = \{1, 3, 19, 57\}$
 g) $F_{99} = \{1, 3, 9, 11, 33, 99\}$ h) $F_{52} = \{1, 2, 4, 13, 26, 52\}$ i) $F_{79} = \{1, 79\}$
 j) $F_{41} = \{1, 41\}$

3)

List all the factors of...

Quick:
1435

- a) $F_7 = \{1, 7\}$ b) $F_{18} = \{1, 2, 3, 6, 9, 18\}$ c) $F_{12} = \{1, 2, 3, 4, 6, 12\}$
 d) $F_{15} = \{1, 3, 5, 15\}$ e) $F_{13} = \{1, 13\}$ f) $F_{10} = \{1, 2, 5, 10\}$
 g) $F_{16} = \{1, 2, 4, 8, 16\}$ h) $F_{19} = \{1, 19\}$ i) $F_4 = \{1, 2, 4\}$
 j) $F_{20} = \{1, 2, 4, 5, 10, 20\}$

4)

List all the factors of...

Quick:
1435

- a) $F_{34} = \{1, 2, 17, 34\}$ b) $F_{13} = \{1, 13\}$ c) $F_{37} = \{1, 37\}$
 d) $F_{47} = \{1, 47\}$ e) $F_{15} = \{1, 3, 5, 15\}$ f) $F_{46} = \{1, 2, 23, 46\}$
 g) $F_{25} = \{1, 5, 25\}$ h) $F_{45} = \{1, 3, 5, 9, 15, 45\}$ i) $F_{29} = \{1, 29\}$
 j) $F_{35} = \{1, 5, 7, 35\}$

Good Luck!