Greatest Common Factor and Least Common Multiple Worksheets

REFERENCE / CASE 1

Find the greatest common factor and least common multiple of 12 and 18.

Number	First four positive multiples
12	12, 24, 36, 48
18	18, 36, 54, 72

METHOD: Compare positive factors to find the greatest shared factor. The least positive shared multiple equals product divided by the GCF.
Use the separate practice sheet before checking the answer.

Greatest Common Factor and Least Common Multiple Worksheets

REFERENCE / CASE 2

Find the greatest common factor and least common multiple of 18 and 24.

Number	First four positive multiples
18	18, 36, 54, 72
24	24, 48, 72, 96

METHOD: Compare positive factors to find the greatest shared factor. The least positive shared multiple equals product divided by the GCF.
Use the separate practice sheet before checking the answer.

Greatest Common Factor and Least Common Multiple Worksheets

REFERENCE / CASE 3

Find the greatest common factor and least common multiple of 24 and 30.

Number	First four positive multiples
24	24, 48, 72, 96
30	30, 60, 90, 120

METHOD: Compare positive factors to find the greatest shared factor. The least positive shared multiple equals product divided by the GCF.
Use the separate practice sheet before checking the answer.

Greatest Common Factor and Least Common Multiple Worksheets

REFERENCE / CASE 4

Find the greatest common factor and least common multiple of 30 and 36.

Number	First four positive multiples
30	30, 60, 90, 120
36	36, 72, 108, 144

METHOD: Compare positive factors to find the greatest shared factor. The least positive shared multiple equals product divided by the GCF.
Use the separate practice sheet before checking the answer.