

Factoring- STATION 4

Date _____ Period _____

Factor each completely.

1) $42xy - 30x^2 + 49y - 35x$

2) $mn - 3m - 4n + 12$

3) $6xy + 21x + 18y + 63$

4) $15uv - 25u + 24v^2 - 40v$

5) $25xy + 20x^2 + 30y + 24x$

6) $3xy - 5x + 24y - 40$

7) $35xy - 20x + 105y - 60$

8) $15xy - 35x^2 + 24y - 56x$

9) $12xy + 15x - 32y - 40$

10) $7xy + 4x + 21y + 12$

Answers to Factoring- STATION 4 (ID: 1)

1) $(6x + 7)(7y - 5x)$
5) $(5x + 6)(5y + 4x)$
9) $(3x - 8)(4y + 5)$

2) $(m - 4)(n - 3)$
6) $(x + 8)(3y - 5)$
10) $(x + 3)(7y + 4)$

3) $3(x + 3)(2y + 7)$
7) $5(x + 3)(7y - 4)$

4) $(5u + 8v)(3v - 5)$
8) $(5x + 8)(3y - 7x)$