Task card 1 Factoring Out the GCF of a Polynom...

Factor: $2x^2 - 3x$

Task card 2 Factoring Out the GCF of a Polynom...

Factor: $21n^2 - 18n$

Task card 3 Factoring Out the GCF of a Polynom...

Factor: $4r^2 + r$

Task card 4 Factoring Out the GCF of a Polynom...

Factor: $9x^2 - 3x$

Task card 5 Factoring Out the GCF of a Polynom...

Factor: $35y^2 - 28y$

Task card 6 Factoring Out the GCF of a Polynom...

Factor: $2y^2 + 6y$

Task card 7 Factoring Out the GCF of a Polynom...

Factor: $5y^2 - 35y$

Task card 8 Factoring Out the GCF of a Polynom...

Factor: $15n^2 + 5n$

Task card 9 Factoring Out the GCF of a Polynom...

Factor: $18k^2 - 15k$

Task card 10 Factoring Out the GCF of a Polynom...

Factor: $5y^2 + 7y$

Task card 11 Factoring Out the GCF of a Polynom...

Factor: $18x^2 + 27x$

Task card 12 Factoring Out the GCF of a Polynom...

Factor: $49p^2 + 14p$

Task card 13 Factoring Out the GCF of a Polynom...

Factor: $5k^2 - 6k$

Task card 14 Factoring Out the GCF of a Polynom...

Factor: $30n^2 + 35n$

Task card 15 Factoring Out the GCF of a Polynom...

Factor: $6r^2 - 7r$

Task card 16 Factoring Out the GCF of a Polynom...

Factor: $14k^2 - 7k$

Task card 17 Factoring Out the GCF of a Polynom...

Factor: $84x^2 - 12x$

Task card 18 Factoring Out the GCF of a Polynom...

Factor: $9p^2 - 7p$

Task card 19 Factoring Out the GCF of a Polynom...

Factor: $20r^2 + 12r$

Task card 20 Factoring Out the GCF of a Polynom...

Factor: $5y^2 + 2y$

Task card 21 Factoring Out the GCF of a Polynom...

Factor: $24m^2 + 15m$

Task card 22 Factoring Out the GCF of a Polynom...

Factor: $18y^2 + 12y$

Task card 23 Factoring Out the GCF of a Polynom...

Factor: $60y^2 + 70y$

Task card 24 Factoring Out the GCF of a Polynom...

Factor: $3r^2 - 15r$

Factoring Out the GCF of a Polynomial Task Cards

Recording sheet · Grade 9 · Factor out the greatest common factor, like $9x^2 - 27x = 9x(x - 3)$.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Factoring Out the GCF of a Polynomial Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. x(2x - 3)	**2.** 3n(7n - 6)	**3.** r(4r + 1)
4. 3x(3x - 1)	**5.** 7y(5y - 4)	**6.** 2y(y + 3)
7. 5y(y - 7)	**8.** 5n(3n + 1)	**9.** 3k(6k - 5)
10. y(5y + 7)	**11.** 9x(2x + 3)	**12.** 7p(7p + 2)
13. k(5k - 6)	**14.** 5n(6n + 7)	**15.** r(6r - 7)
16. 7k(2k - 1)	**17.** 12x(7x - 1)	**18.** p(9p - 7)
19. 4r(5r + 3)	**20.** y(5y + 2)	**21.** 3m(8m + 5)
22. 6y(3y + 2)	**23.** 10y(6y + 7)	**24.** 3r(r - 5)