



READY

Topic: Factoring out the GCF of a polynomial

Find the GCF for each polynomial and re-write the expression in factored form.

1. $4x - 12$

$4(x - 3)$

2. $x^2 - 9x$

$x(x - 9)$

3. $\frac{6x^2}{3x} + \frac{3x}{3x}$

$3x(2x + 1)$

4. $\frac{8x}{2x} + \frac{10x^2}{2x}$

$2x(4 + 5x)$

5. $\frac{20}{5} - \frac{25x}{5}$

$5(4 - 5x)$

6. $9x^2 - 33x$

$3x(3x - 11)$

7. $8x^2 - 64$

$8(x^2 - 8)$

8. $22x^2 - 11$

$11(2x^2 - 1)$

9. $200x - x^2$

$x(200 - x)$

1, 2, 4
2, 5