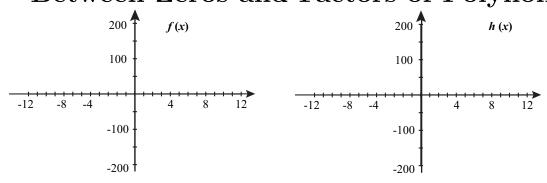
Handout 2-Understand the Relationship Between Zeros and Factors of Polynomials



- 1. Find the remainder when $x^2 3x 14$ is divided by x-1.
- and 4.
- 2. Find the remainder when $5x^2 2x 7$ is divided by x + 2.
- 6. Find all zeros of $x^3 x^2 64x + 64$.
- 3. Find the remainder when $2x^3 x^2 x^2$ 3x - 3 is divided by x - 3.
- 7. Find all zeros of $x^3 8x^2 + 17x 10$.
- 4. Find all zeros of P(x) = (x-5)(x+4)(x-1).
- 8. Find all zeros of $x^3 + x^2 14x 24$.
- 9. Graph $f(x) = x^3 8x^2 13x 10$.

 - 10. Graph $h(x) = x^3 + x^2 14x 24$.
- 5. Write a polynomial with zeros of -2, 1,

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