

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Factors

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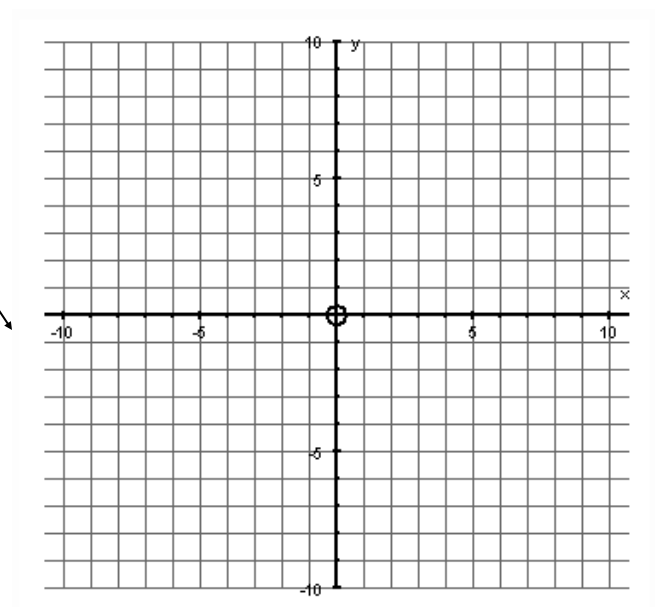
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[illegible]

**Use all information on this page  
to make an accurate graph**



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graph TD; A[Zeros (Roots)] --> B[Factors]; B --> C[Multiply the factors out]; C --> D[Polynomial Equation]; D --> E[Possible Rational Zeros]; E --> F[Synthetic Division for -5 ≤ x ≤ 5];
```

**Create a quartic! Try to be original**

**Zeros (Roots)**

**Factors**

**Multiply the factors out**

**Polynomial Equation**

**Possible Rational Zeros**

**Synthetic Division for  $-5 \leq x \leq 5$**

[illegible]

A blank Cartesian coordinate system with x and y axes ranging from -10 to 10. The x-axis is labeled 'x' at the right end, and the y-axis is labeled 'y' at the top end. Major tick marks are labeled at intervals of 5: -10, -5, 5, and 10 on both axes. A grid of smaller lines is present. A small circle with a cross inside is located at the origin (0,0). An arrow points from the left towards the origin.