RELAYS – SET ONE

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| 1. Write the equation of a circle with a center at (-2,3) and a point on the circle is (1,8). |
| 2. Find all the zeros of the function f(x) = x3 + 27 |
| 3. Find the values of x. |
| 4. Find the value of x to make this line tangent to the circle. |

ANSWERS:

1. 2.

3. 4.

RELAYS – SET TWO

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| 1. Find the value of x |
| 2. Find the values of a, b, and c. |
| 3. Find the value of x. |
| 4. Write the equation of a polynomial function with zeros at 4 and 3i. |

ANSWERS:

1. 2.

3. 4.

RELAYS – SET THREE

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| 1. Find x and y. |
| 2. Find a and b. |
| 3. Draw an angle that measures $-240°$. |
| 4. Solve for x and y. |

ANSWERS:

1. 2.

3. 4.

RELAYS – SET FOUR

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| 1. List out the five ways to prove triangles congruent. |
| 2.  |
| 3. Find a, b, and c. |
| 4. Describe all the transformations in the graph of $f\left(x\right)= -\left|x+3\right|$ from the parent graph $f\left(x\right)= \left|x\right|$ |

ANSWERS:

1. 2.

3. 4.