1. Determine the equation of a possible transformed parent function that has the following characteristics and sketch the function

D= {x ε **R**}

R = {y ε RΙ y>2}

As x⇒-∞, y⇒2

1. Determine the equation of a possible transformed parent function that has the following characteristics and sketch the function

D= {x ε R}

R = {y ε RΙ y ≥ -2}

Decreasing on the interval (-∞,0)

Increasing on the interval (0,∞)

1. the equation of a possible transformed parent function that has the following characteristics and sketch the function

D= {x ε RΙ x ≠ 3}}

R = {y ε RΙ y ≠ -1}

Increasing on the interval (-∞,3) and (3,∞)

1. Determine the equation of a possible transformed parent function that has the following characteristics and sketch the function

D= {x ε R}

R = {y ε RΙ 4 ≥ y}

Increasing on the interval (-∞,-1)

Decreasing on the interval (-1,∞)

1. Determine the equation of a possible transformed parent function that has the following characteristics and sketch the function

D= {x ε RΙ -3 ≥ x}

R = {y ε RΙ 1 ≥ y}

Increasing on the interval (-∞,-3]

As x⇒-∞, y⇒-∞

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