

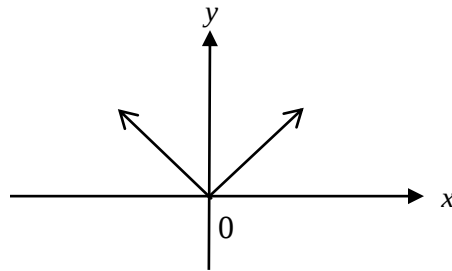
2021 Worksheet 8

Year 12 Mathematics

Write the answers in your Exercise Book.

Match the graphs with the equations: $y = 2^{-x}$, $y = |x|$, $(x-2)^2 + y^2 = 4$, $xy = 1$ and state the domain and range.

1.

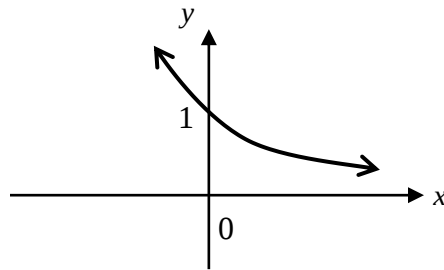


Equation: _____ (1 mark)

Domain: _____ (1 mark)

Range: _____ (1 mark)

2.

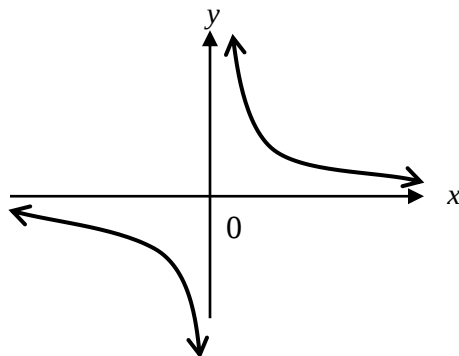


Equation: _____ (1 mark)

Domain: _____ (1 mark)

Range: _____ (1 mark)

3.

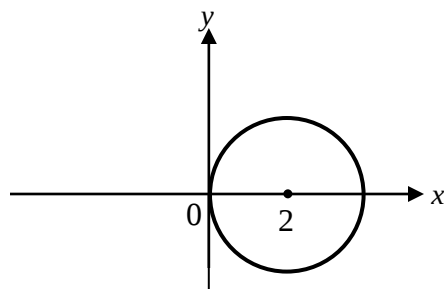


Equation: _____ (1 mark)

Domain: _____ (1 mark)

Range: _____ (1 mark)

4.



Equation: _____ (1 mark)

Domain: _____ (1 mark)

Range: _____ (1 mark)