Name: _____                                                    Date: _____

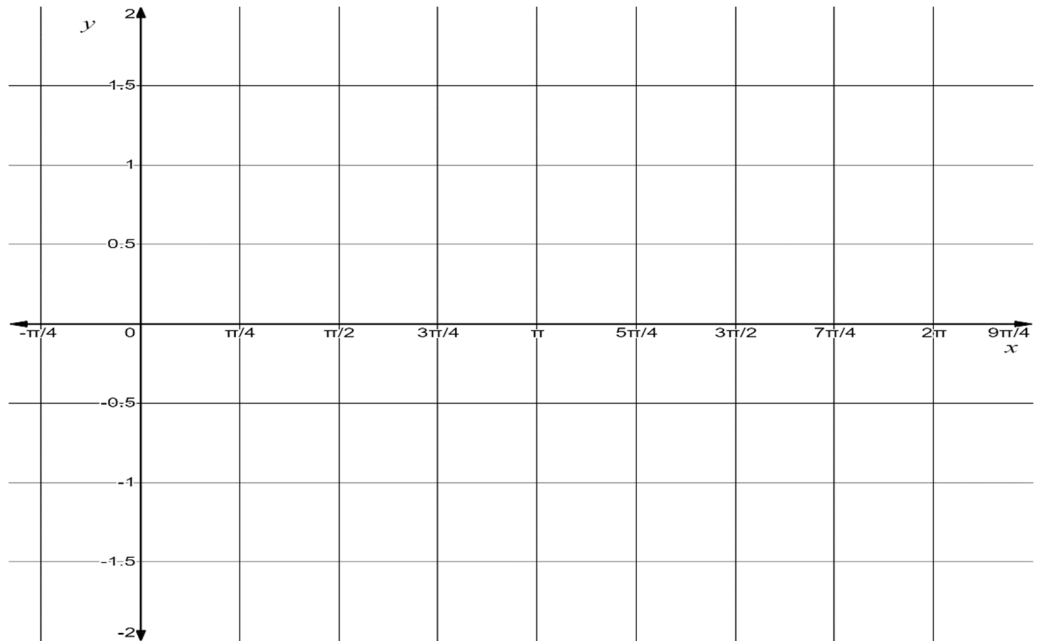| **Learning Goal 5.1** | Graphing primary trigonometric functions, including transformations and characteristics |
|---|---|

**More Questions**

1.  Graph the function
    $$y = \frac{1}{4}\tan 2x$$
    for $0 \le x \le 2\pi$.

a.  What is the period of the function?

b.  State the domain and range of the function.

c.  State the equations of the asymptotes in this domain.



2.  Graph the function
    $$f(x) = \tan\frac{1}{2}\left(x + \frac{\pi}{2}\right).$$
    State the domain and range of the function and the equation of any asymptotes.



Assignment                              p. 262 # 1 – 7, 9, 13, C1, C2                              Quiz Next Day!