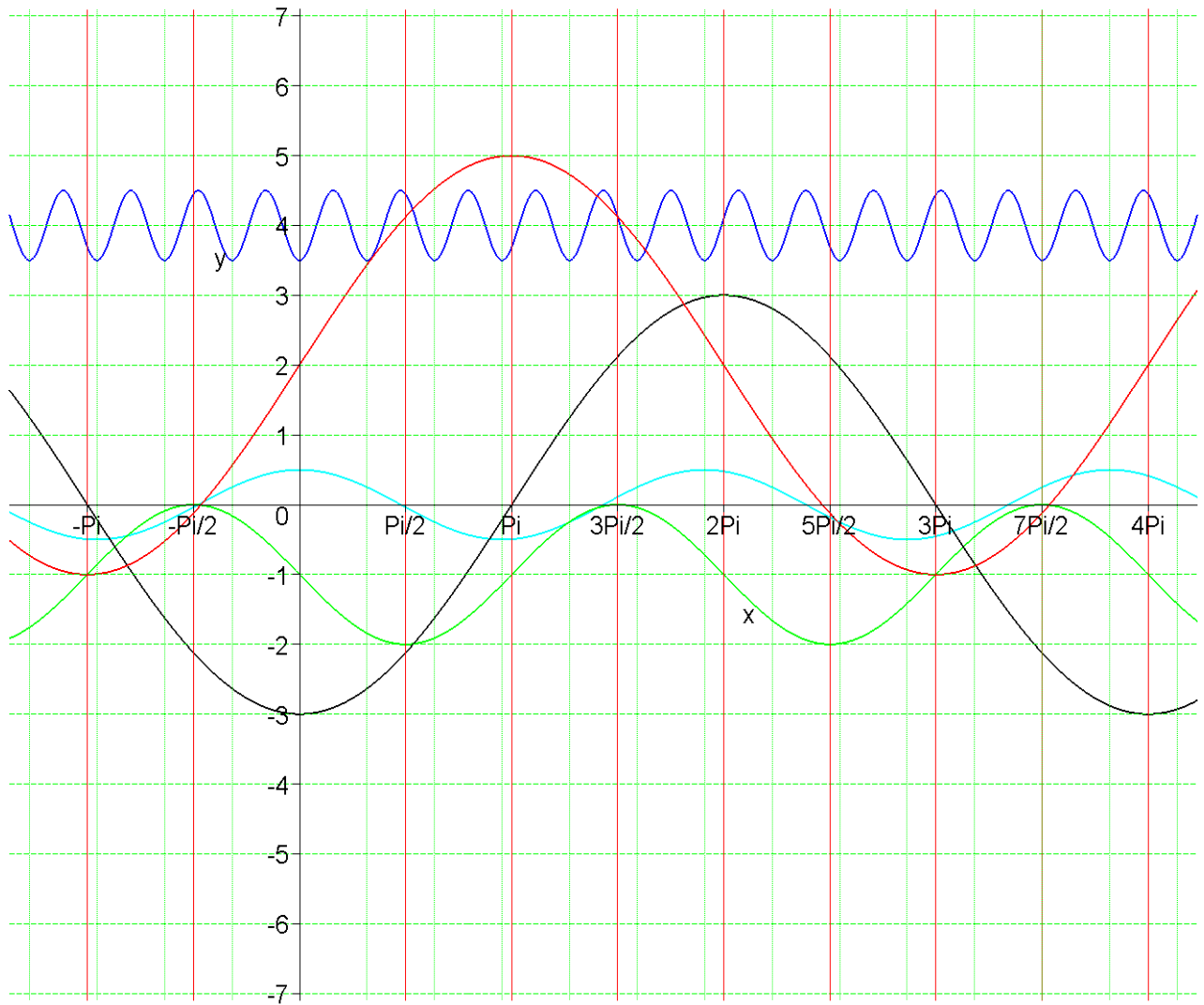


TrigonometryExercise for No.9124

$$No1 = \left( \sin(A) = \frac{4}{7} \right), No2 = \left( \sec(A) = \frac{9}{4} \right), No3 = \left( \tan(A) = \frac{5}{x} \right), No4 = \left( \csc(A) = \frac{x}{3} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 2 \cos(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = -3 \sin(2 \theta)) & .5 = \left(y = -\frac{1}{3} \cos(4 \theta)\right) & .6 = \left(y = -4 \cos\left(\frac{\theta}{2}\right) + 4\right) \\ .7 = \left(y = -\frac{1}{5} \sin(3 \pi \theta)\right) & .8 = \left(y = -6 \cos\left(\frac{\pi \theta}{3}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = 3 \sin\left(\frac{x}{2}\right) + 2 & y = -\frac{1}{2} \cos(2 \pi x) + 4 & y = -3 \cos\left(\frac{x}{2}\right) \\ y = -\sin(x) - 1 & y = \frac{1}{2} \cos\left(\frac{\pi x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$









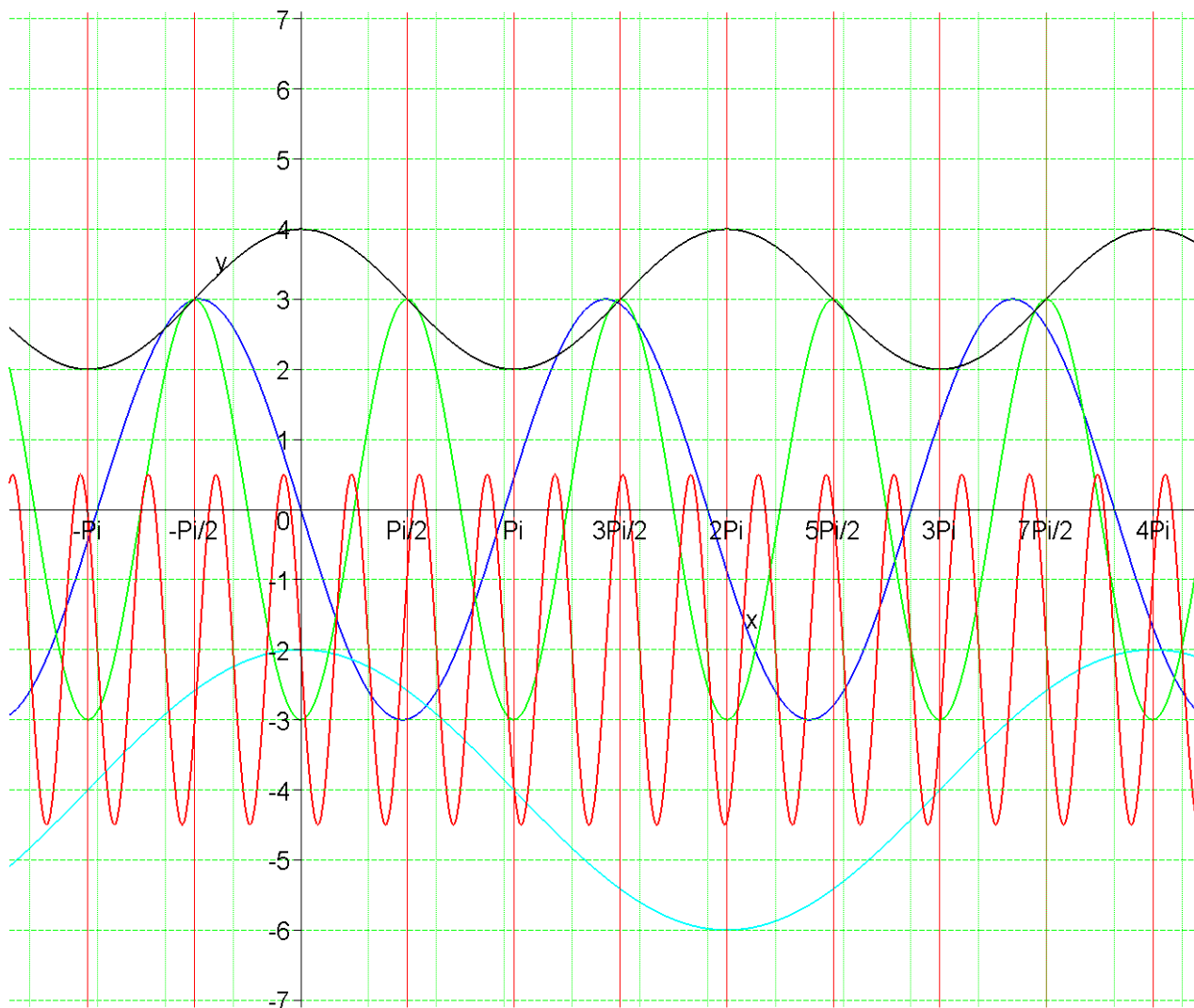
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$$No1 = \left( \sin(A) = \frac{2}{3} \right), No2 = \left( \sec(A) = \frac{9}{8} \right), No3 = \left( \tan(A) = \frac{7}{x} \right), No4 = \left( \cot(A) = \frac{2}{x} \right)$$

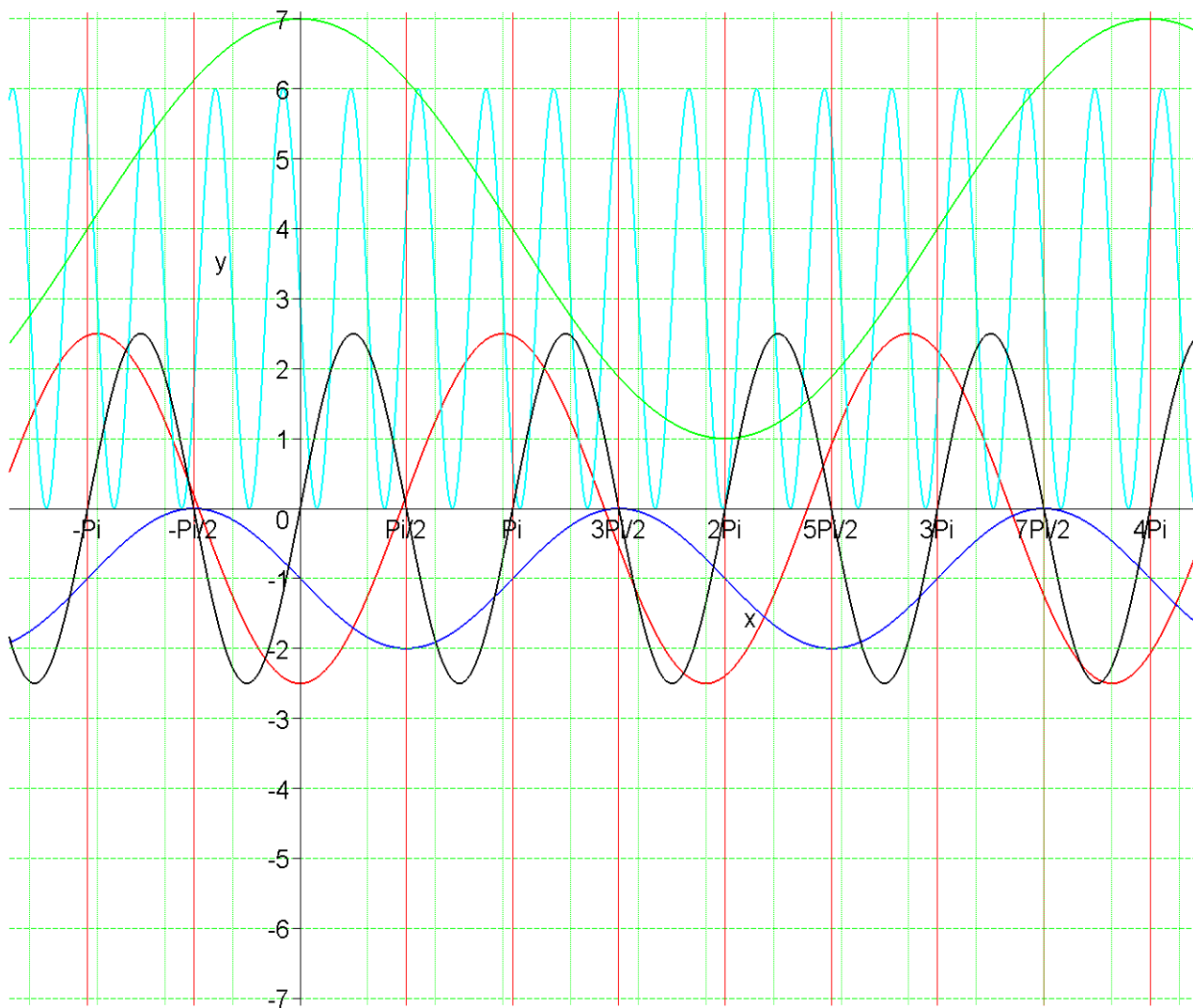
$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -2 \cos(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = 4 \cos(2 \theta)) & .5 = \left(y = -5 \sin\left(\frac{\theta}{6}\right)\right) & .6 = \left(y = -\frac{1}{5} \sin(6 \theta) + 5\right) \\ .7 = \left(y = -\frac{1}{5} \cos(2 \pi \theta)\right) & .8 = \left(y = -6 \sin\left(\frac{\pi \theta}{4}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{5}{2} \sin(2 \pi x) - 2 & y = \cos(x) + 3 & y = -3 \cos(2 x) \\ y = 2 \cos\left(\frac{x}{2}\right) - 4 & y = -3 \sin\left(\frac{\pi x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$



TrigonometryExercise for No.9449

$$No6 = \begin{bmatrix} y = \frac{5}{2} \sin(2x) & y = 3 \cos\left(\frac{x}{2}\right) + 4 & y = -\sin(x) - 1 \\ y = -3 \sin(2\pi x) + 3 & y = -\frac{5}{2} \cos\left(\frac{\pi x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$

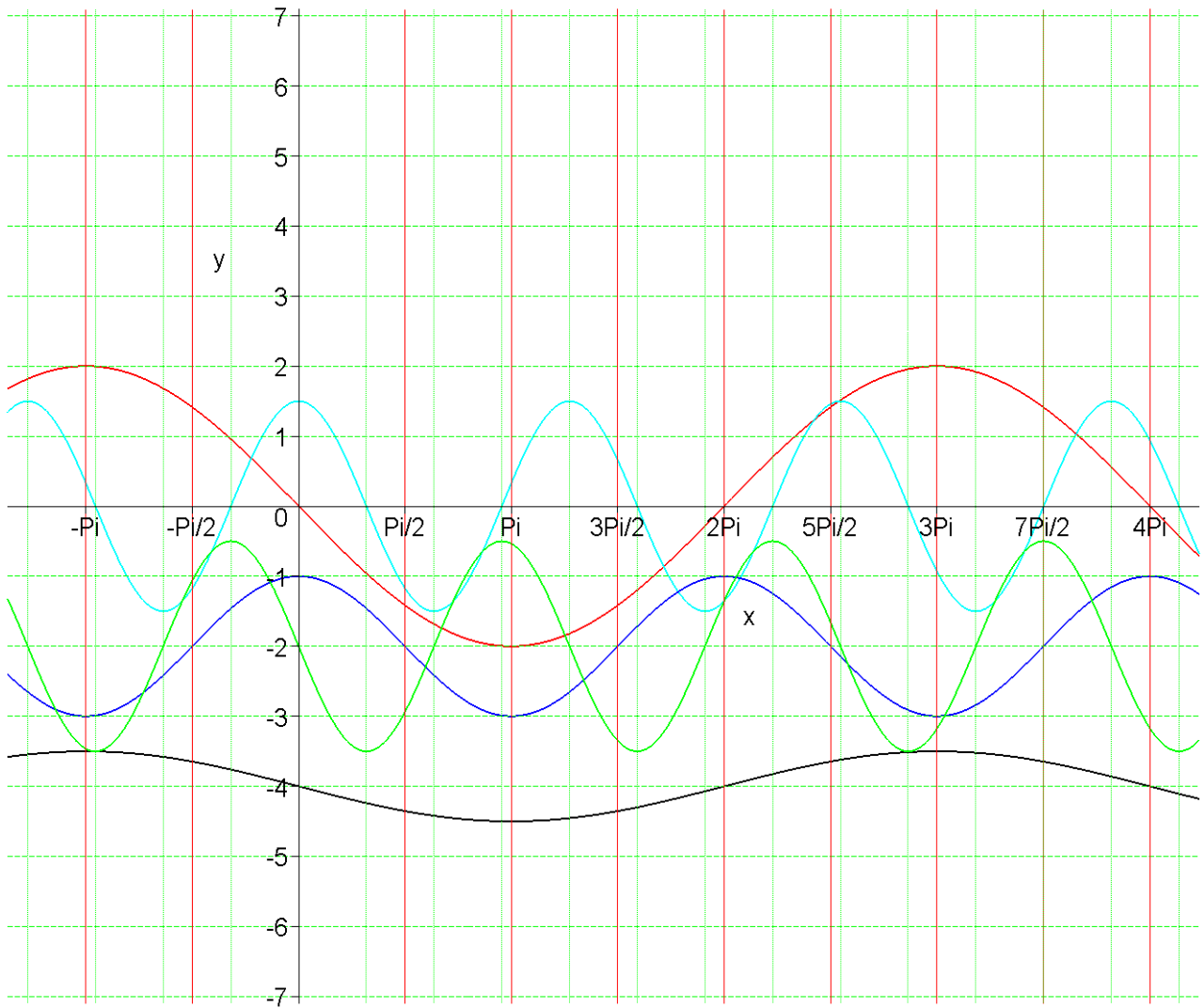


TrigonometryExercise for No.9562

$$No1 = \left( \sin(A) = \frac{5}{9} \right), No2 = \left( \sec(A) = \frac{3}{2} \right), No3 = \left( \cos(A) = \frac{x}{6} \right), No4 = \left( \csc(A) = \frac{x}{3} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -6 \sin(\theta)) & .3 = (y = \cos(2 \theta)) \\ .4 = (y = 5 \sin(6 \theta)) & .5 = \left(y = -\frac{1}{4} \sin(5 \theta)\right) & .6 = \left(y = 6 \sin\left(\frac{\theta}{3}\right) + 5\right) \\ .7 = \left(y = -2 \cos\left(\frac{\pi \theta}{4}\right)\right) & .8 = \left(y = -\frac{1}{6} \sin(2 \pi \theta) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \sin\left(\frac{\pi x}{2}\right) - 2 & y = \cos(x) - 2 & y = -\frac{1}{2} \sin\left(\frac{x}{2}\right) - 4 \\ y = \frac{3}{2} \cos\left(\frac{\pi x}{2}\right) & y = -2 \sin\left(\frac{x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$

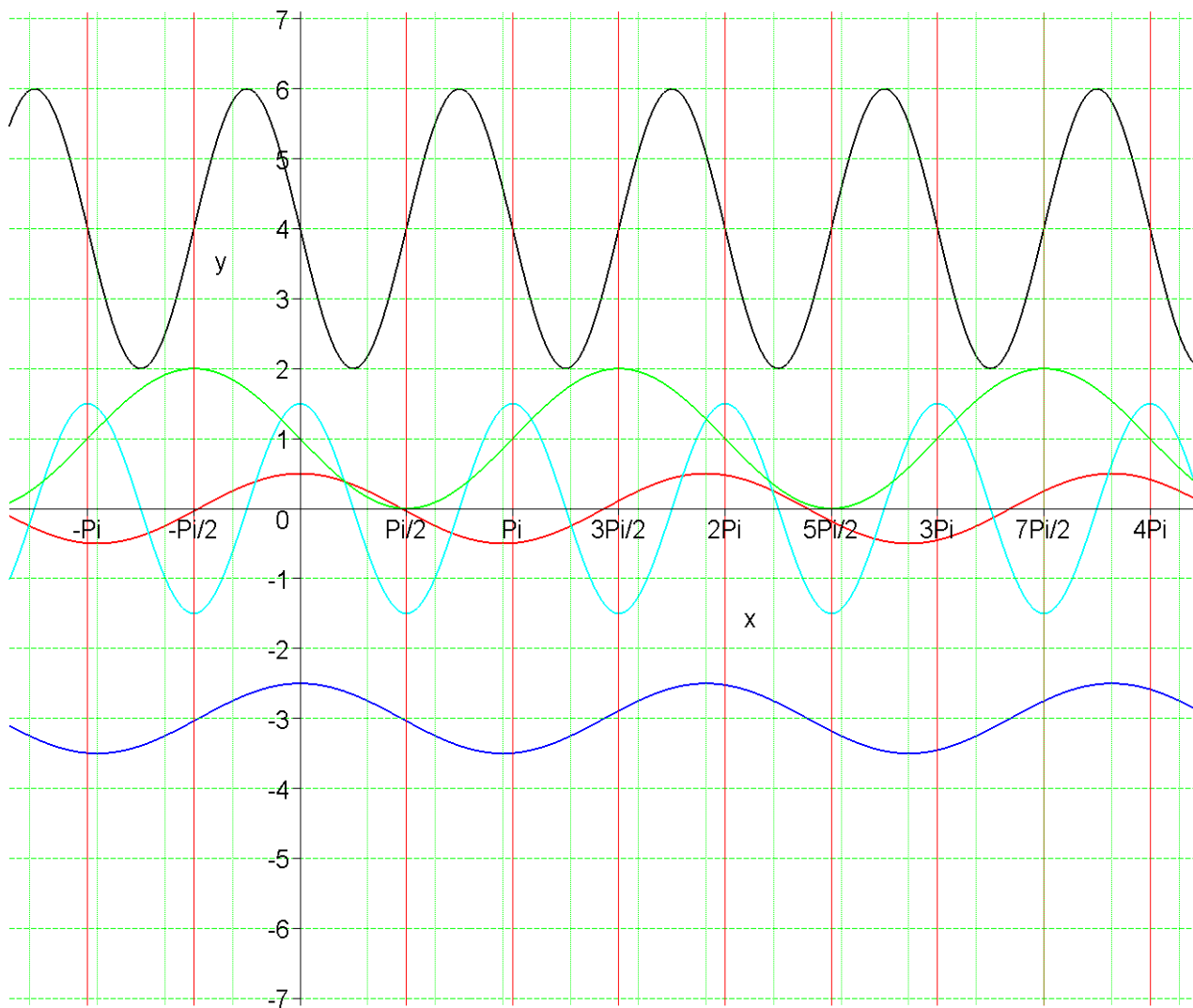


TrigonometryExercise for No.9721

$$No1 = \left( \tan(A) = \frac{8}{5} \right), No2 = \left( \csc(A) = \frac{9}{2} \right), No3 = \left( \cos(A) = \frac{5}{x} \right), No4 = \left( \sec(A) = \frac{7}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -2 \cos(\theta)) & .3 = (y = \cos(6 \theta)) \\ .4 = (y = -2 \cos(6 \theta)) & .5 = \left(y = -6 \sin\left(\frac{\theta}{5}\right)\right) & .6 = \left(y = \frac{1}{5} \cos(6 \theta) + 4\right) \\ .7 = (y = -2 \cos(6 \pi \theta)) & .8 = \left(y = -\frac{1}{2} \sin\left(\frac{\pi \theta}{6}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -2 \sin(2x) + 4 & y = -\sin(x) + 1 & y = \frac{3}{2} \cos(2x) \\ y = \frac{1}{2} \cos\left(\frac{\pi x}{3}\right) & y = \frac{1}{2} \cos\left(\frac{\pi x}{3}\right) - 3 & \frac{MA}{TH} \end{bmatrix}$$

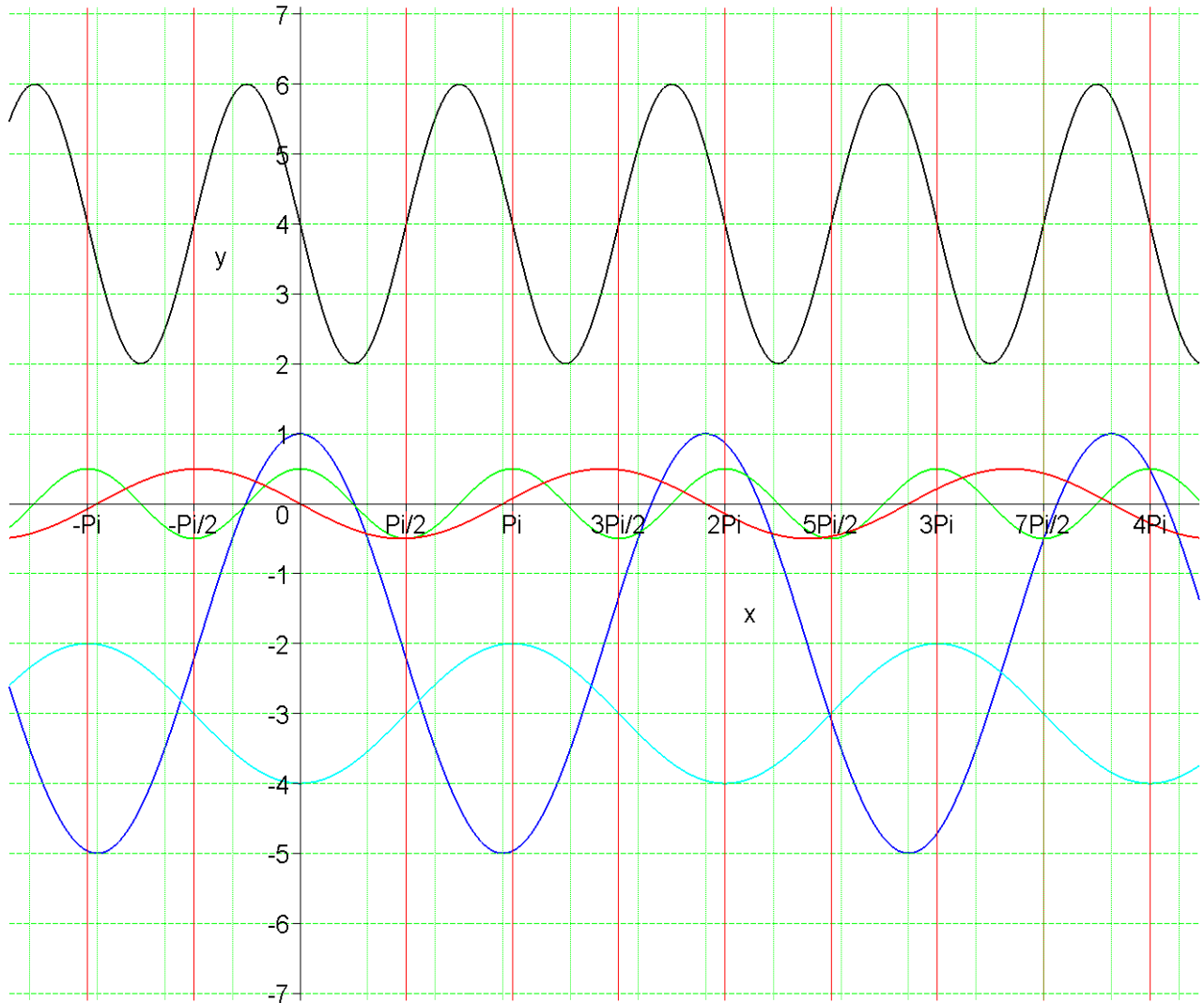




$$No1 = \left( \sin(A) = \frac{3}{5} \right), No2 = \left( \cot(A) = \frac{4}{3} \right), No3 = \left( \tan(A) = \frac{x}{4} \right), No4 = \left( \csc(A) = \frac{6}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -4 \cos(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = 4 \sin(3 \theta)) & .5 = \left(y = -6 \cos\left(\frac{\theta}{5}\right)\right) & .6 = \left(y = -\frac{1}{5} \sin(4 \theta) + 2\right) \\ .7 = \left(y = -\frac{1}{4} \cos(6 \pi \theta)\right) & .8 = \left(y = -6 \cos\left(\frac{\pi \theta}{3}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\cos(x) - 3 & y = -2 \sin(2x) + 4 & y = -\frac{1}{2} \sin\left(\frac{\pi x}{3}\right) \\ y = \frac{1}{2} \cos(2x) & y = 3 \cos\left(\frac{\pi x}{3}\right) - 2 & \frac{MA}{TH} \end{bmatrix}$$





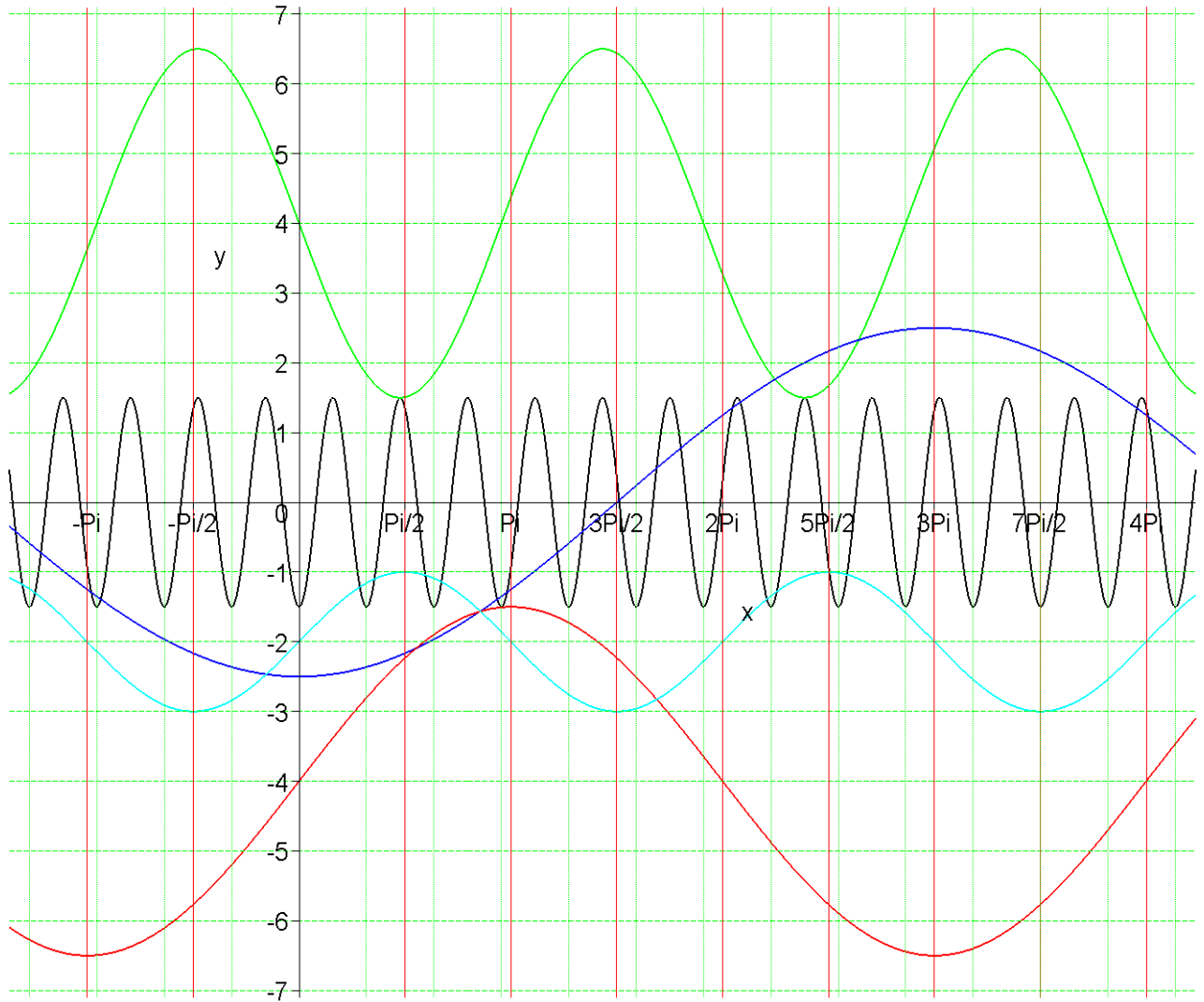




$$No1 = \left( \cos(A) = \frac{3}{7} \right), No2 = \left( \csc(A) = \frac{7}{3} \right), No3 = \left( \sin(A) = \frac{2}{x} \right), No4 = \left( \sec(A) = \frac{x}{3} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 6 \sin(\theta)) & .3 = (y = \cos(6 \theta)) \\ .4 = (y = -5 \cos(4 \theta)) & .5 = \left(y = -3 \sin\left(\frac{\theta}{5}\right)\right) & .6 = \left(y = \frac{1}{4} \sin(5 \theta) - 1\right) \\ .7 = \left(y = -5 \sin\left(\frac{\pi \theta}{3}\right)\right) & .8 = \left(y = -\frac{1}{5} \sin(2 \pi \theta) + 2\right) & \frac{MA}{TH} \end{bmatrix}$$

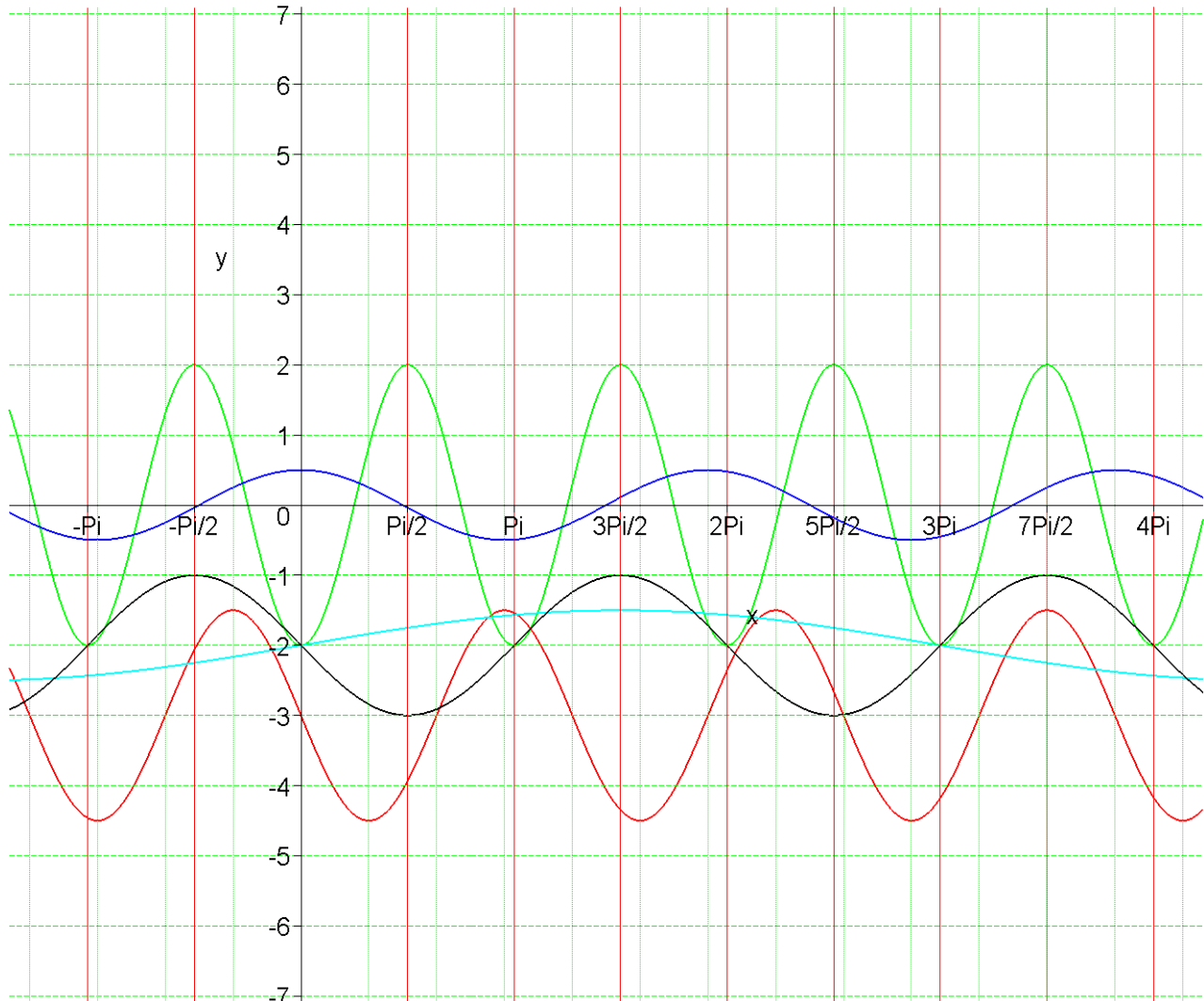
$$No6 = \begin{bmatrix} y = \sin(x) - 2 & y = \frac{5}{2} \sin\left(\frac{x}{2}\right) - 4 & y = -\frac{5}{2} \cos\left(\frac{x}{3}\right) \\ y = -\frac{5}{2} \sin\left(\frac{\pi x}{3}\right) + 4 & y = -\frac{3}{2} \cos(2 \pi x) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \sin(A) = \frac{4}{7} \right), No2 = \left( \sec(A) = \frac{9}{2} \right), No3 = \left( \tan(A) = \frac{x}{4} \right), No4 = (\cot(A) = x)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 5 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = 5 \cos(2 \theta)) & .5 = \left(y = -\frac{1}{3} \sin(2 \theta)\right) & .6 = \left(y = -3 \sin\left(\frac{\theta}{2}\right) + 1\right) \\ .7 = (y = -3 \cos(2 \pi \theta)) & .8 = \left(y = -\frac{1}{4} \sin\left(\frac{\pi \theta}{2}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

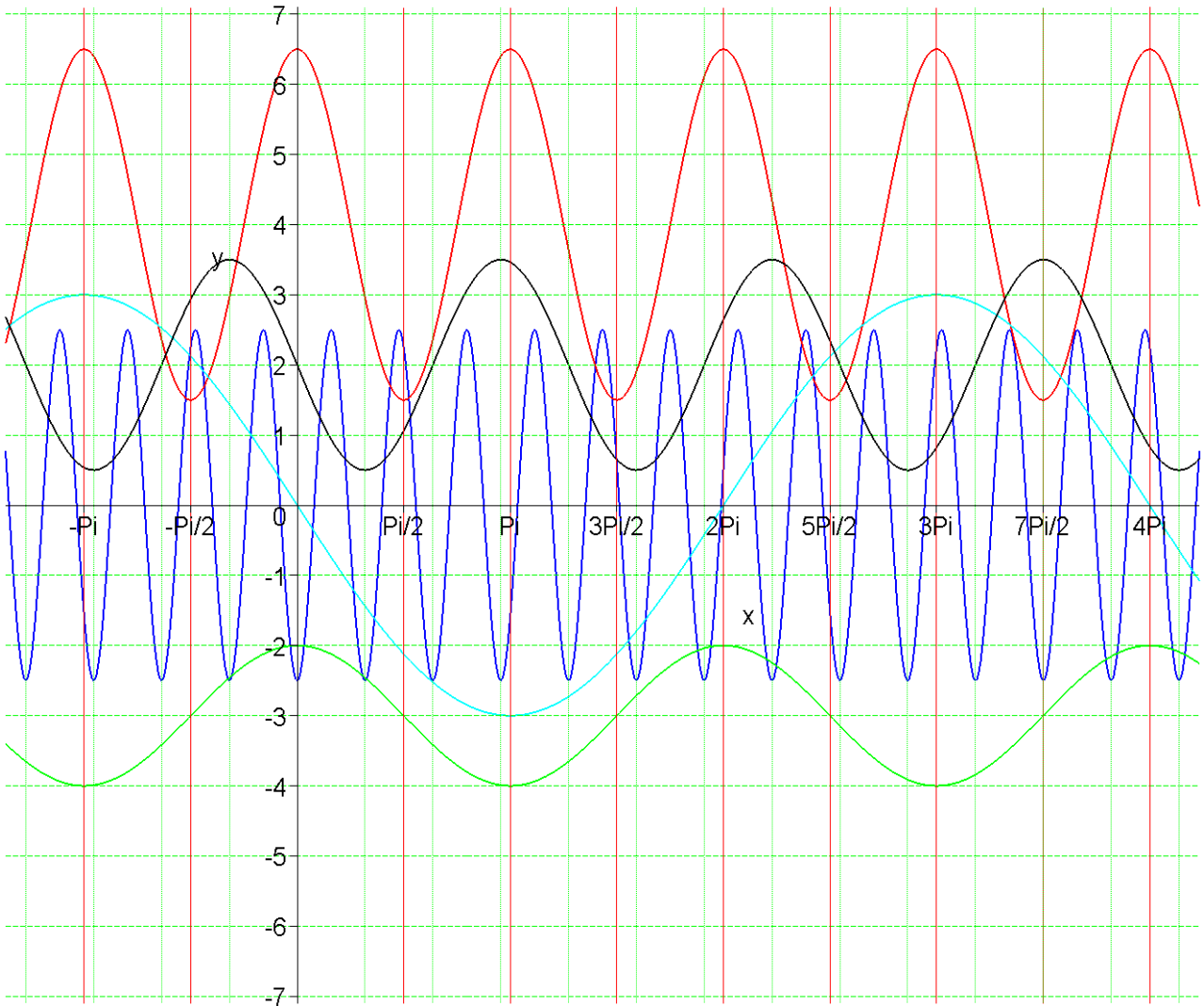
$$No6 = \begin{bmatrix} y = -\sin(x) - 2 & y = \frac{1}{2} \sin\left(\frac{x}{3}\right) - 2 & y = \frac{1}{2} \cos\left(\frac{\pi x}{3}\right) \\ y = -2 \cos(2x) & y = -\frac{3}{2} \sin\left(\frac{\pi x}{2}\right) - 3 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{6}{7} \right), No2 = \left( \sec(A) = \frac{4}{3} \right), No3 = \left( \cos(A) = \frac{x}{6} \right), No4 = (\cot(A) = x)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 5 \sin(\theta)) & .3 = (y = \cos(6 \theta)) \\ .4 = (y = 6 \cos(5 \theta)) & .5 = \left(y = \frac{1}{6} \cos(2 \theta)\right) & .6 = \left(y = 6 \sin\left(\frac{\theta}{2}\right) - 1\right) \\ .7 = (y = -4 \cos(6 \pi \theta)) & .8 = \left(y = -\frac{1}{3} \cos\left(\frac{\pi \theta}{5}\right) + 1\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \cos(x) - 3 & y = -\frac{3}{2} \sin\left(\frac{\pi x}{2}\right) + 2 & y = -3 \sin\left(\frac{x}{2}\right) \\ y = \frac{5}{2} \cos(2x) + 4 & y = -\frac{5}{2} \cos(2\pi x) & \frac{MA}{TH} \end{bmatrix}$$



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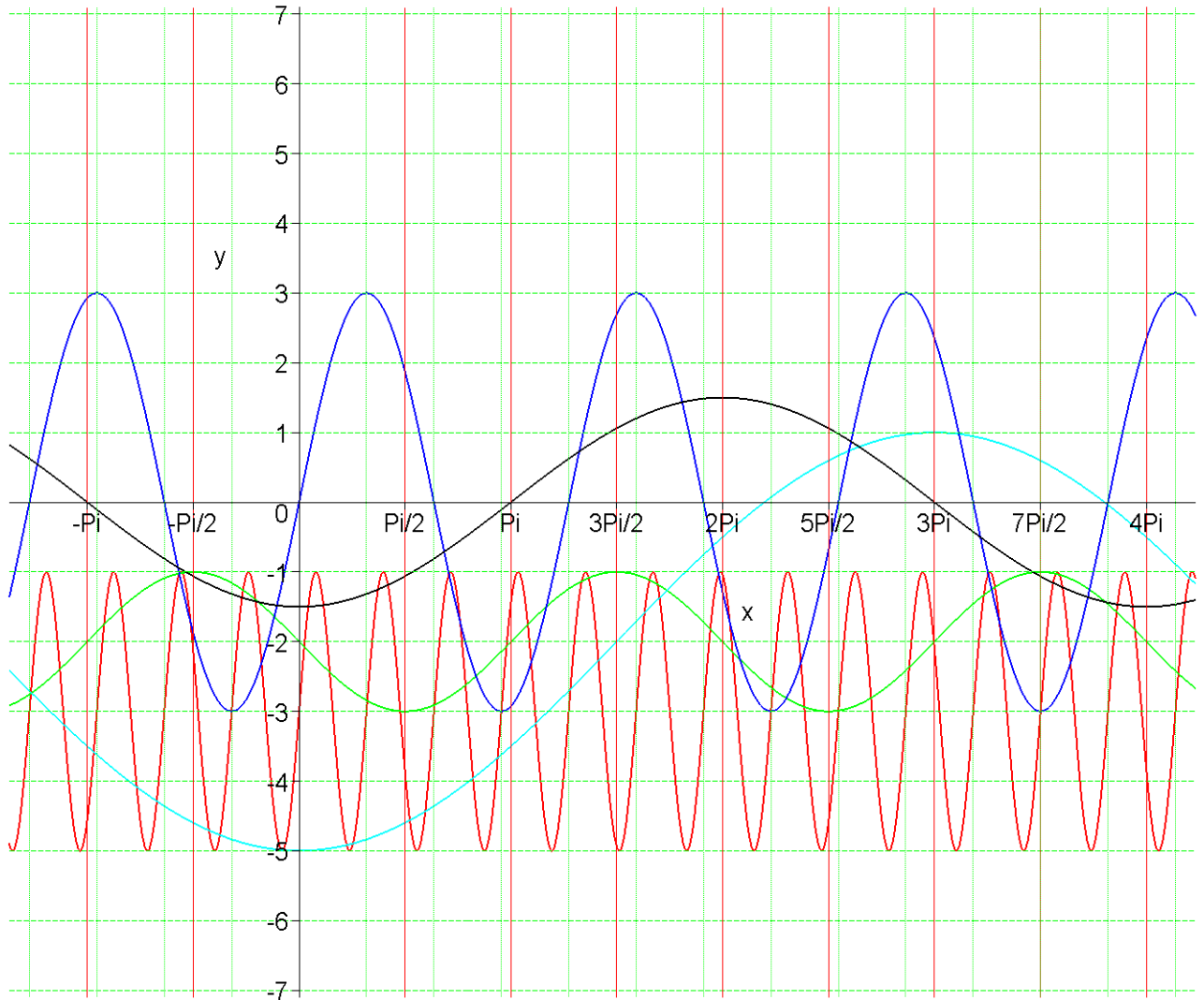
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TrigonometryExercise for No.10361

$$No1 = \left( \tan(A) = \frac{5}{7} \right), No2 = \left( \sec(A) = \frac{9}{8} \right), No3 = \left( \cos(A) = \frac{x}{6} \right), No4 = \left( \csc(A) = \frac{x}{7} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -2 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = -2 \sin(5 \theta)) & .5 = \left(y = \frac{1}{2} \cos(5 \theta)\right) & .6 = \left(y = -5 \sin\left(\frac{\theta}{2}\right) + 1\right) \\ .7 = \left(y = -\frac{1}{6} \cos(5 \pi \theta)\right) & .8 = \left(y = -4 \cos\left(\frac{\pi \theta}{6}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \cos\left(\frac{x}{2}\right) & y = 3 \sin\left(\frac{\pi x}{2}\right) & y = -3 \cos\left(\frac{x}{3}\right) - 2 \\ y = -\sin(x) - 2 & y = 2 \sin(2 \pi x) - 3 & \frac{MA}{TH} \end{bmatrix}$$

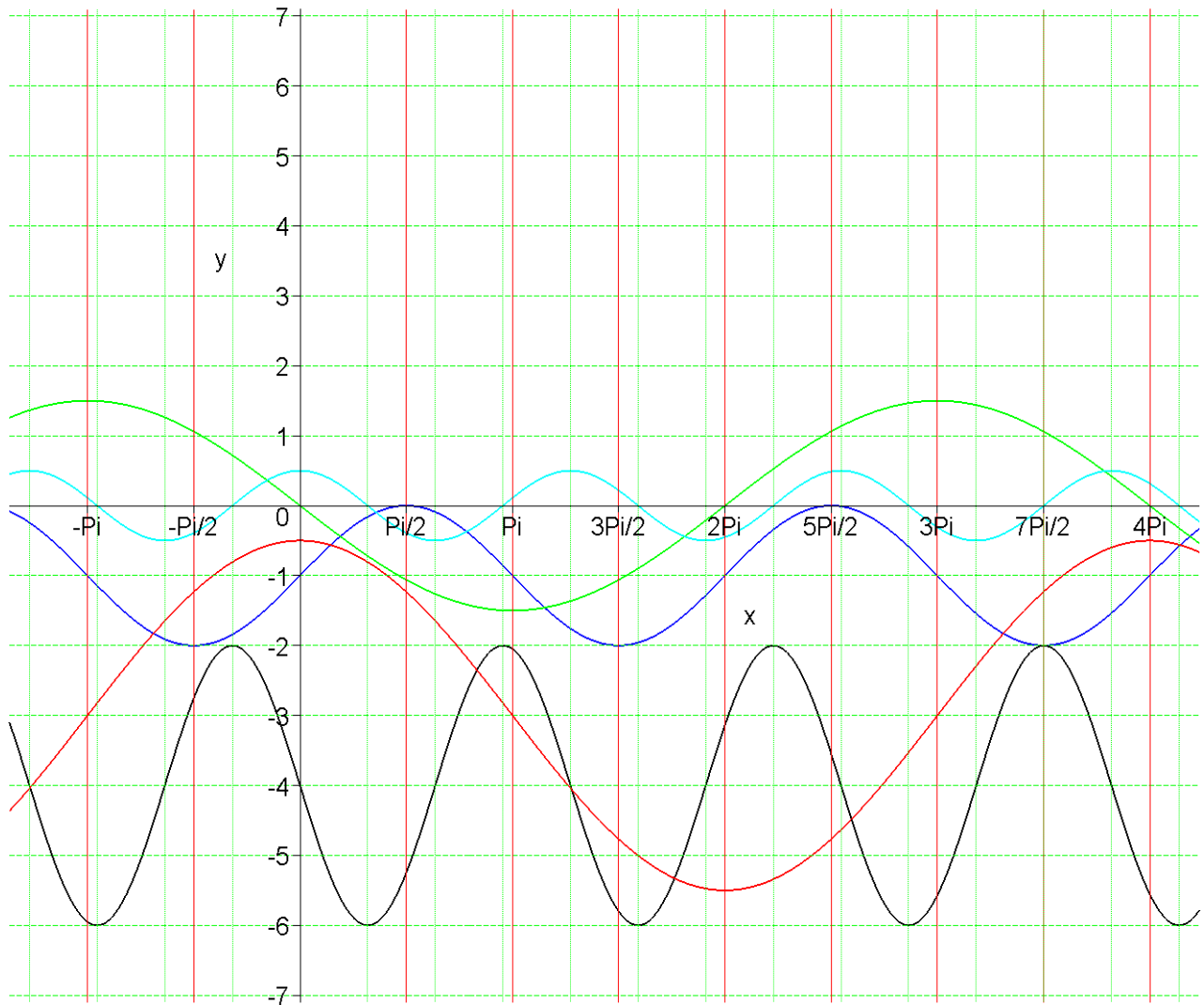






TrigonometryExercise for No.10688

$$No6 = \begin{bmatrix} y = \frac{5}{2} \cos\left(\frac{x}{2}\right) - 3 & y = -2 \sin\left(\frac{\pi x}{2}\right) - 4 & y = \frac{1}{2} \cos\left(\frac{\pi x}{2}\right) \\ y = -\frac{3}{2} \sin\left(\frac{x}{2}\right) & y = \sin(x) - 1 & \frac{MA}{TH} \end{bmatrix}$$



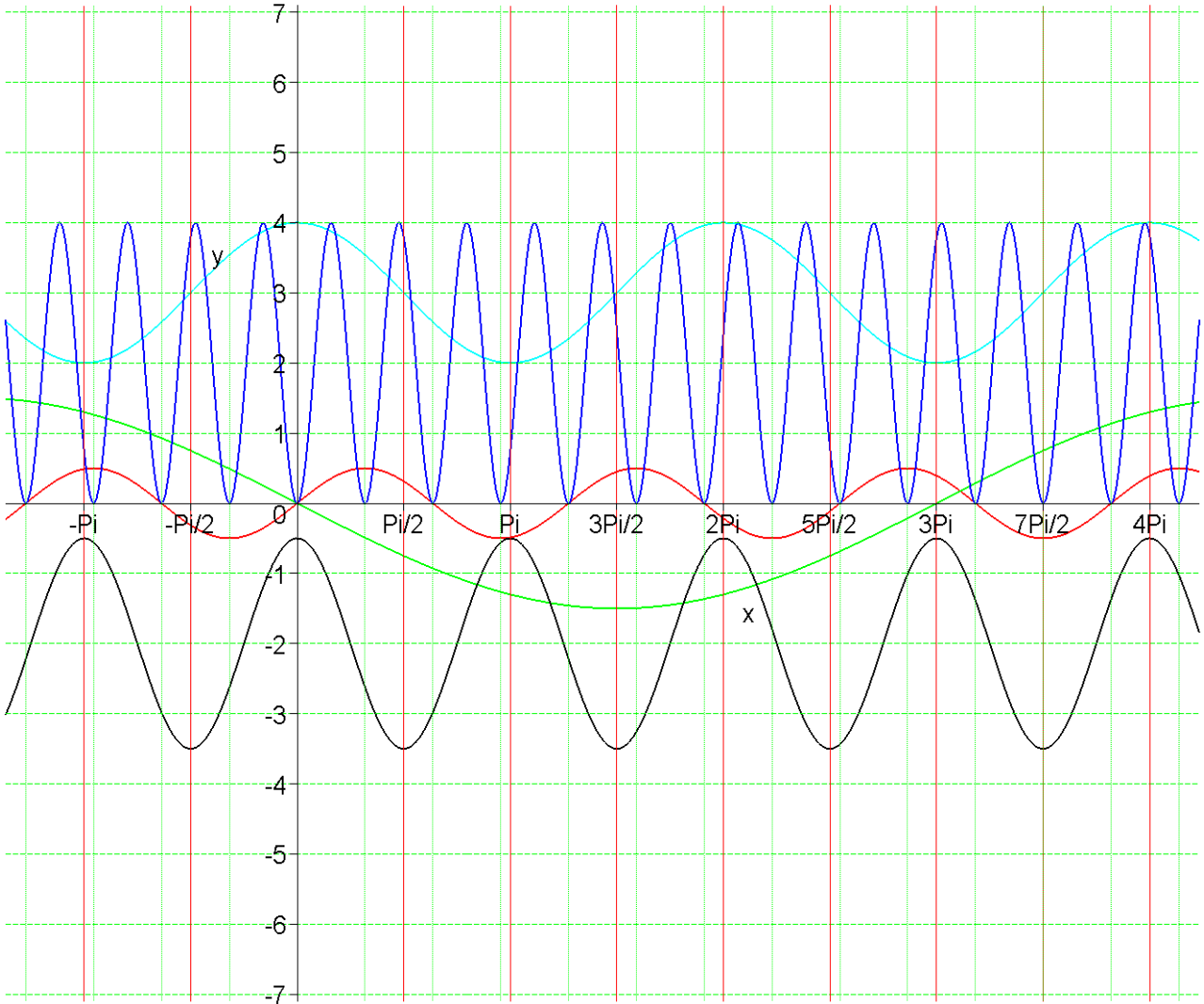
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$$No1 = \left( \tan(A) = \frac{5}{7} \right), No2 = \left( \csc(A) = \frac{9}{5} \right), No3 = \left( \sin(A) = \frac{1}{x} \right), No4 = \left( \cot(A) = \frac{3}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -6 \cos(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = -3 \cos(6 \theta)) & .5 = \left(y = 2 \cos\left(\frac{\theta}{6}\right)\right) & .6 = \left(y = \frac{1}{3} \cos(4 \theta) - 4\right) \\ .7 = \left(y = -\frac{1}{3} \cos(2 \pi \theta)\right) & .8 = \left(y = -6 \cos\left(\frac{\pi \theta}{4}\right) - 3\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -2 \cos(2 \pi x) + 2 & y = \frac{3}{2} \cos(2 x) - 2 & y = -\frac{3}{2} \sin\left(\frac{x}{3}\right) \\ y = \cos(x) + 3 & y = \frac{1}{2} \sin\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$

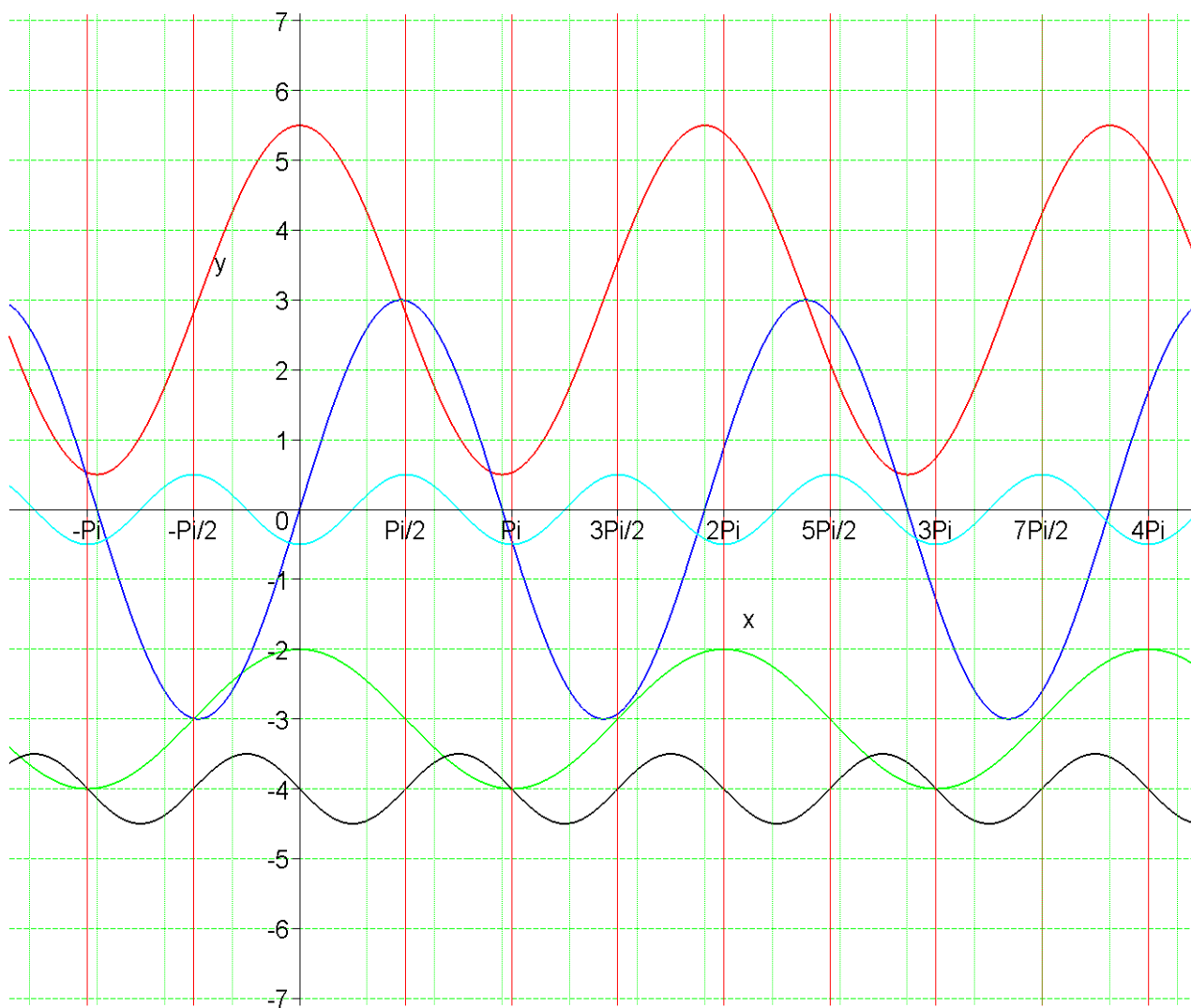


TrigonometryExercise for No.10900

$$No1 = \left( \sin(A) = \frac{8}{9} \right), No2 = \left( \cot(A) = \frac{7}{4} \right), No3 = \left( \cos(A) = \frac{2}{x} \right), No4 = \left( \csc(A) = \frac{x}{4} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -3 \cos(\theta)) & .3 = (y = \sin(5 \theta)) \\ .4 = (y = -3 \cos(5 \theta)) & .5 = \left(y = 3 \cos\left(\frac{\theta}{2}\right)\right) & .6 = \left(y = \frac{1}{3} \sin(6 \theta) - 5\right) \\ .7 = \left(y = -\frac{1}{5} \cos(6 \pi \theta)\right) & .8 = \left(y = -6 \cos\left(\frac{\pi \theta}{5}\right) - 3\right) & \frac{MA}{TH} \end{bmatrix}$$

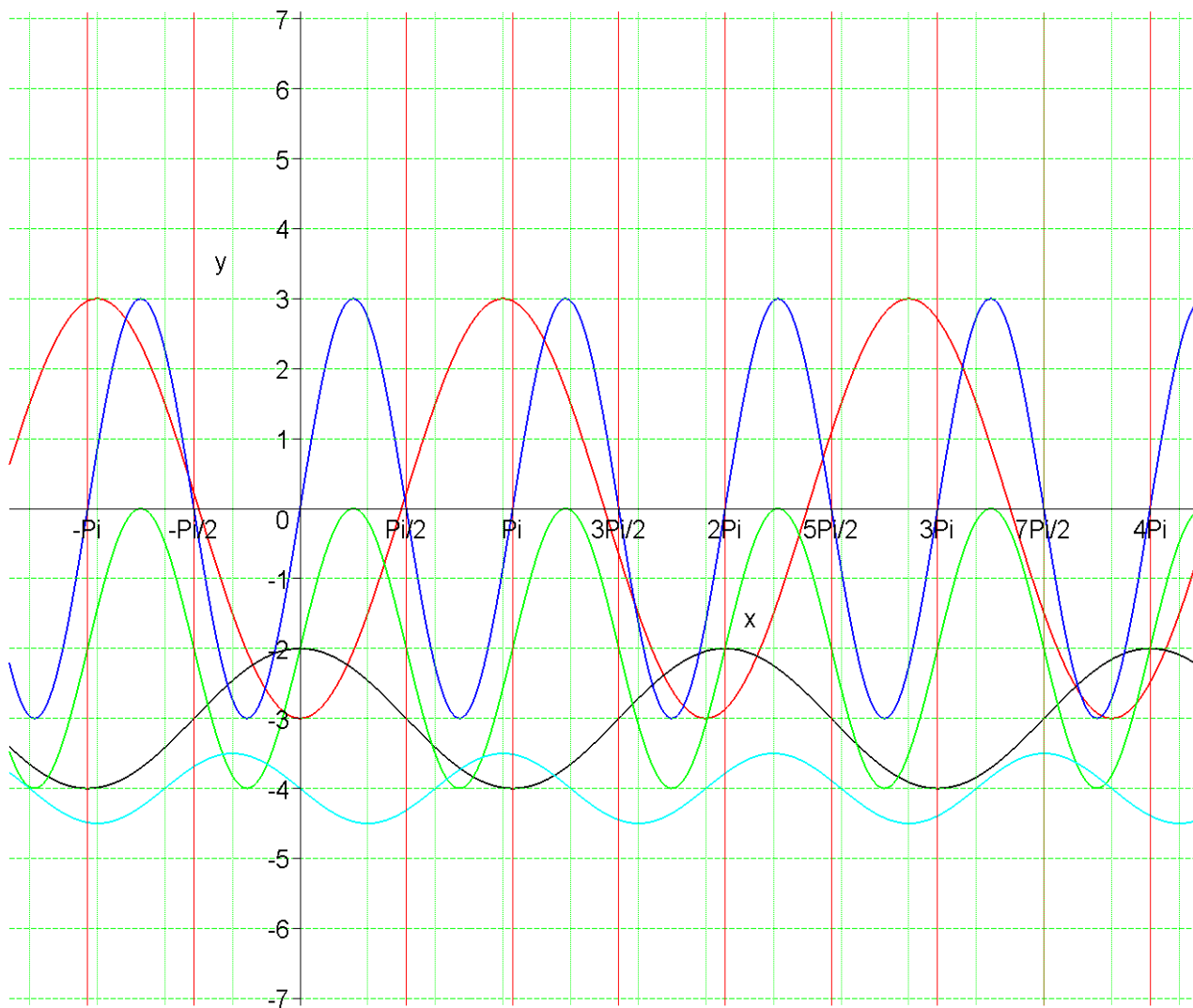
$$No6 = \begin{bmatrix} y = -\frac{1}{2} \cos(2x) & y = 3 \sin\left(\frac{\pi x}{3}\right) & y = -\frac{1}{2} \sin(2x) - 4 \\ y = \frac{5}{2} \cos\left(\frac{\pi x}{3}\right) + 3 & y = \cos(x) - 3 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \cos(A) = \frac{7}{9} \right), No2 = \left( \cot(A) = \frac{4}{3} \right), No3 = \left( \tan(A) = \frac{x}{4} \right), No4 = \left( \sec(A) = \frac{6}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 2 \cos(\theta)) & .3 = (y = \sin(2 \theta)) \\ .4 = (y = 3 \sin(5 \theta)) & .5 = \left(y = -\frac{1}{2} \cos(5 \theta)\right) & .6 = \left(y = -3 \cos\left(\frac{\theta}{6}\right) - 1\right) \\ .7 = \left(y = -5 \cos\left(\frac{\pi \theta}{2}\right)\right) & .8 = \left(y = -\frac{1}{5} \sin(3 \pi \theta) + 4\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{1}{2} \sin\left(\frac{\pi x}{2}\right) - 4 & y = 2 \sin(2x) - 2 & y = 3 \sin(2x) \\ y = \cos(x) - 3 & y = -3 \cos\left(\frac{\pi x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$

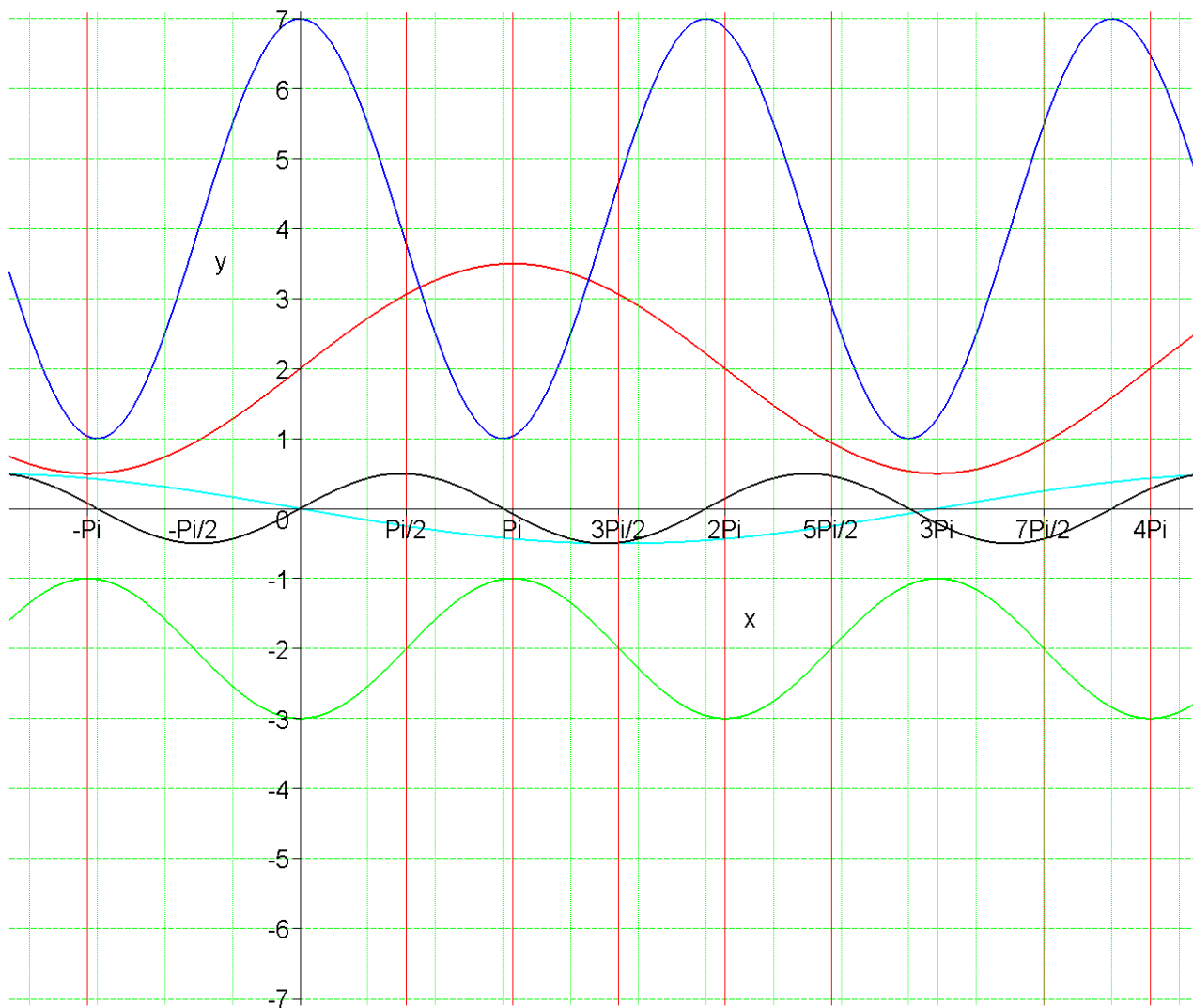


TrigonometryExercise for No.12097

$$No1 = \left( \tan(A) = \frac{2}{3} \right), No2 = \left( \cot(A) = \frac{3}{8} \right), No3 = \left( \sin(A) = \frac{3}{x} \right), No4 = \left( \sec(A) = \frac{1}{x} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \sin(\theta)) & .2 = (y = -6 \cos(\theta)) & .3 = (y = \sin(4 \theta)) \\ .4 = (y = -4 \sin(5 \theta)) & .5 = \left(y = -\frac{1}{3} \cos(4 \theta)\right) & .6 = \left(y = 5 \sin\left(\frac{\theta}{2}\right) + 1\right) \\ .7 = (y = -3 \sin(4 \pi \theta)) & .8 = \left(y = -\frac{1}{5} \cos\left(\frac{\pi \theta}{2}\right) + 5\right) & \frac{MA}{TH} \end{array} \right]$$

$$No6 = \begin{bmatrix} y = \frac{1}{2} \sin\left(\frac{\pi x}{3}\right) & y = 3 \cos\left(\frac{\pi x}{3}\right) + 4 & y = -\cos(x) - 2 \\ y = \frac{3}{2} \sin\left(\frac{x}{2}\right) + 2 & y = -\frac{1}{2} \sin\left(\frac{x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$



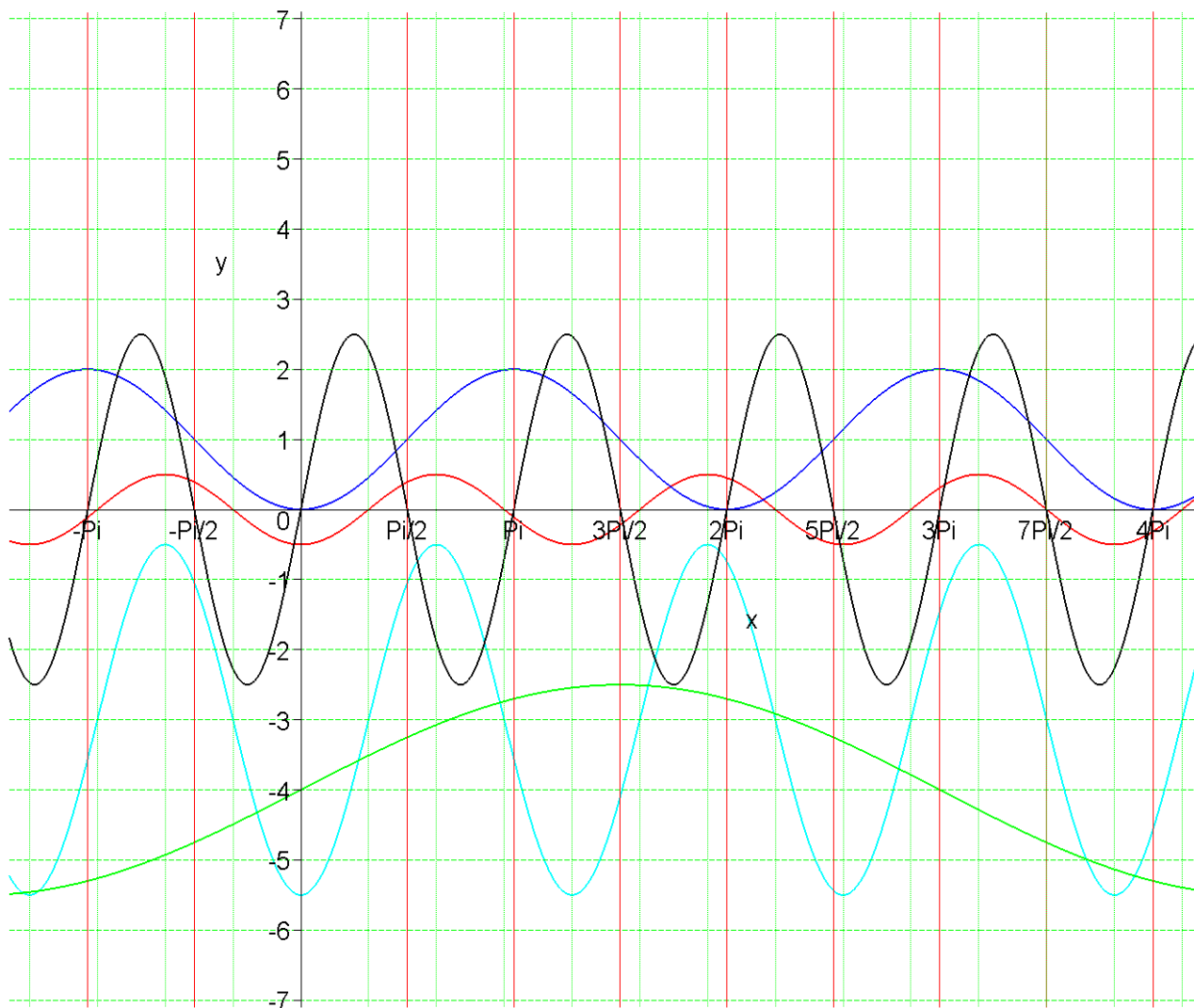
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$$No1 = \left( \tan(A) = \frac{4}{5} \right), No2 = \left( \csc(A) = \frac{9}{8} \right), No3 = \left( \sin(A) = \frac{1}{x} \right), No4 = \left( \sec(A) = \frac{x}{3} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 4 \sin(\theta)) & .3 = (y = \sin(4 \theta)) \\ .4 = (y = -4 \cos(5 \theta)) & .5 = \left(y = \frac{1}{4} \cos(5 \theta)\right) & .6 = \left(y = 4 \cos\left(\frac{\theta}{5}\right) + 3\right) \\ .7 = \left(y = -\frac{1}{2} \sin(5 \pi \theta)\right) & .8 = \left(y = -5 \sin\left(\frac{\pi \theta}{2}\right) - 4\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \frac{5}{2} \sin(2x) & y = \frac{3}{2} \sin\left(\frac{x}{3}\right) - 4 & y = -\frac{5}{2} \cos\left(\frac{\pi x}{2}\right) - 3 \\ y = -\cos(x) + 1 & y = -\frac{1}{2} \cos\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$

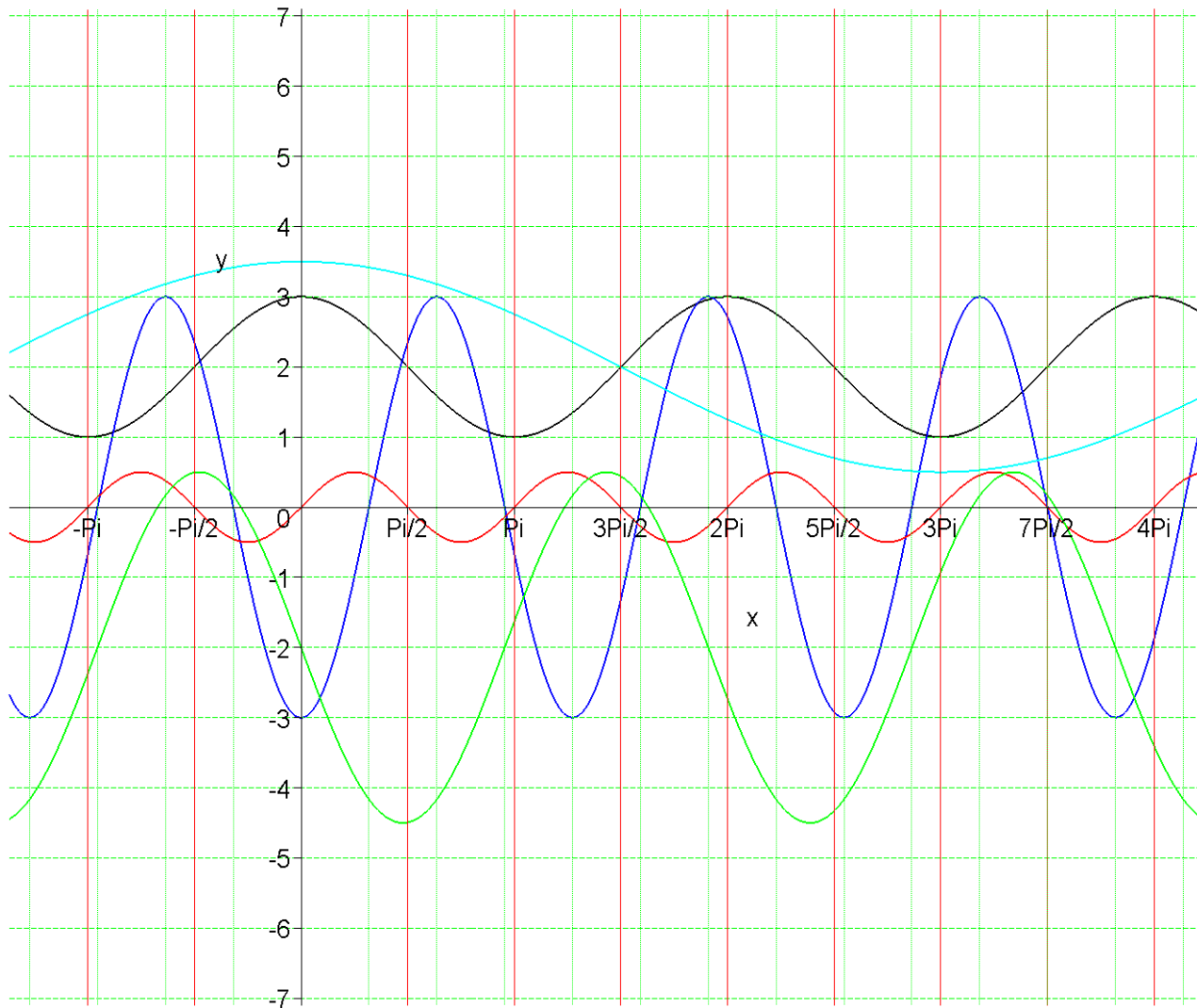


TrigonometryExercise for No.12173

$$No1 = \left( \sin(A) = \frac{2}{9} \right), No2 = \left( \sec(A) = \frac{5}{3} \right), No3 = \left( \cos(A) = \frac{x}{3} \right), No4 = \left( \cot(A) = \frac{3}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -5 \cos(\theta)) & .3 = (y = \cos(4 \theta)) \\ .4 = (y = -3 \cos(2 \theta)) & .5 = \left(y = \frac{1}{3} \cos(2 \theta)\right) & .6 = \left(y = -6 \cos\left(\frac{\theta}{2}\right) - 1\right) \\ .7 = (y = -5 \cos(6 \pi \theta)) & .8 = \left(y = -\frac{1}{3} \cos\left(\frac{\pi \theta}{4}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \frac{3}{2} \cos\left(\frac{x}{3}\right) + 2 & y = -\frac{5}{2} \sin\left(\frac{\pi x}{3}\right) - 2 & y = \frac{1}{2} \sin(2x) \\ y = -3 \cos\left(\frac{\pi x}{2}\right) & y = \cos(x) + 2 & \frac{MA}{TH} \end{bmatrix}$$

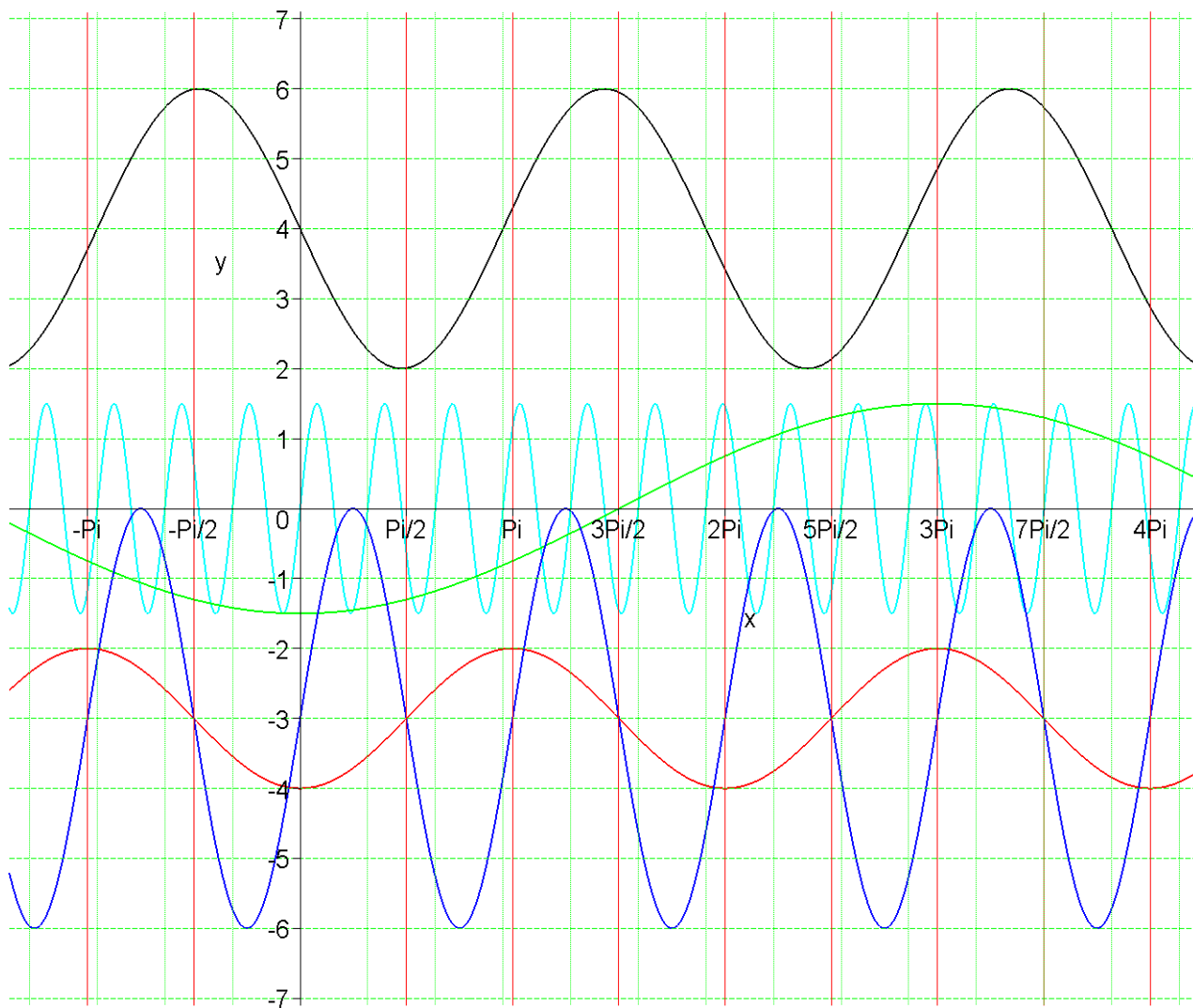




$$No1 = \left( \cos(A) = \frac{4}{5} \right), No2 = \left( \cot(A) = \frac{7}{4} \right), No3 = \left( \tan(A) = \frac{4}{x} \right), No4 = \left( \csc(A) = \frac{1}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -6 \sin(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = 3 \sin(5 \theta)) & .5 = \left(y = \frac{1}{2} \cos(4 \theta)\right) & .6 = \left(y = -2 \cos\left(\frac{\theta}{5}\right) - 4\right) \\ .7 = \left(y = -\frac{1}{2} \sin(5 \pi \theta)\right) & .8 = \left(y = -6 \sin\left(\frac{\pi \theta}{5}\right) + 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = 3 \sin(2x) - 3 & y = -\frac{3}{2} \cos\left(\frac{x}{3}\right) & y = -\cos(x) - 3 \\ y = -2 \sin\left(\frac{\pi x}{3}\right) + 4 & y = \frac{3}{2} \sin(2\pi x) & \frac{MA}{TH} \end{bmatrix}$$

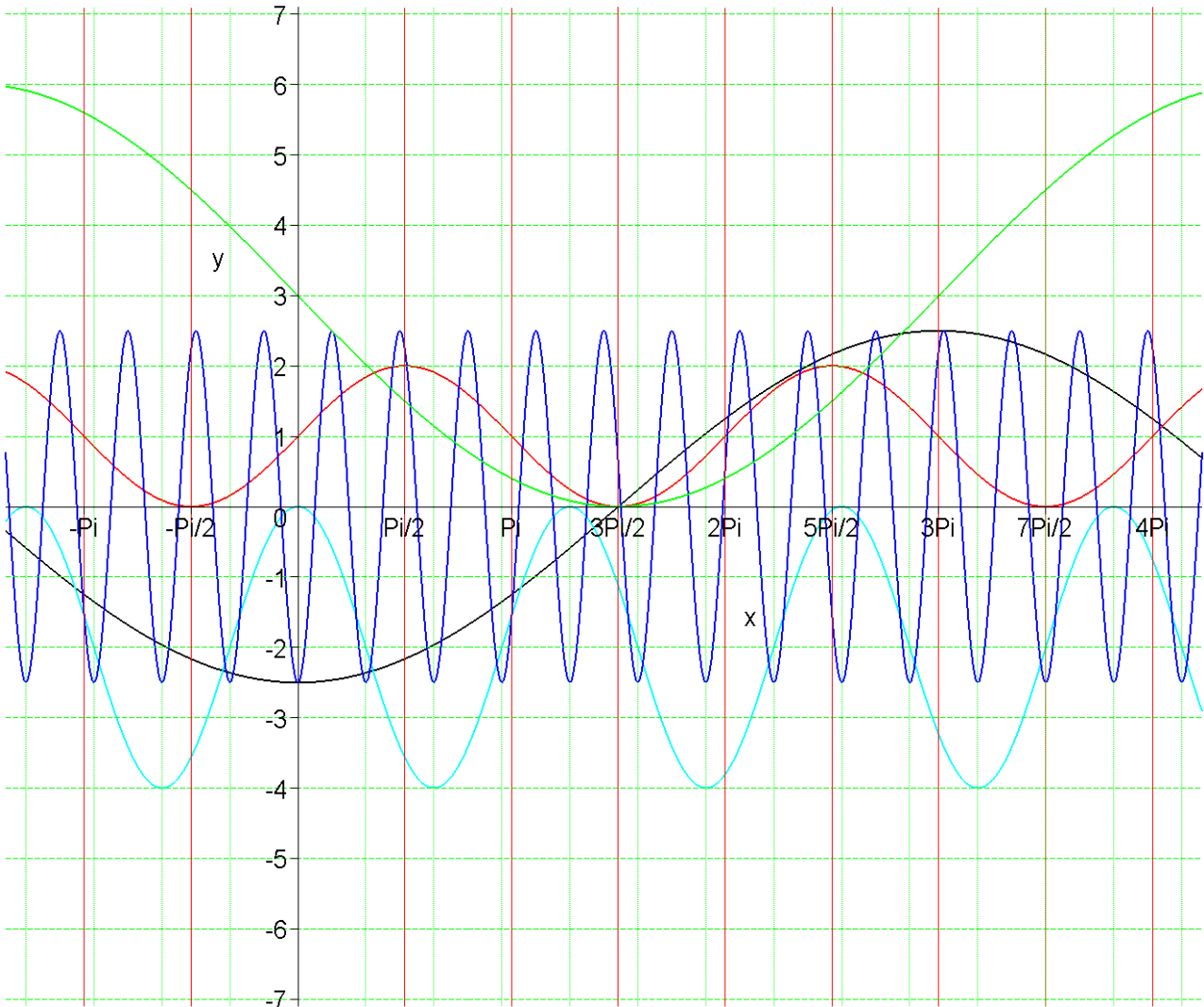




$$No1 = \left( \cos(A) = \frac{7}{8} \right), No2 = \left( \cot(A) = \frac{4}{3} \right), No3 = \left( \sin(A) = \frac{x}{5} \right), No4 = \left( \csc(A) = \frac{7}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -6 \cos(\theta)) & .3 = (y = \cos(4 \theta)) \\ .4 = (y = 6 \sin(4 \theta)) & .5 = \left(y = -6 \cos\left(\frac{\theta}{2}\right)\right) & .6 = \left(y = \frac{1}{6} \sin(3 \theta) - 3\right) \\ .7 = \left(y = -4 \sin\left(\frac{\pi \theta}{2}\right)\right) & .8 = \left(y = -\frac{1}{4} \sin(3 \pi \theta) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -3 \sin\left(\frac{x}{3}\right) + 3 & y = -\frac{5}{2} \cos(2 \pi x) & y = 2 \cos\left(\frac{\pi x}{2}\right) - 2 \\ y = \sin(x) + 1 & y = -\frac{5}{2} \cos\left(\frac{x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$



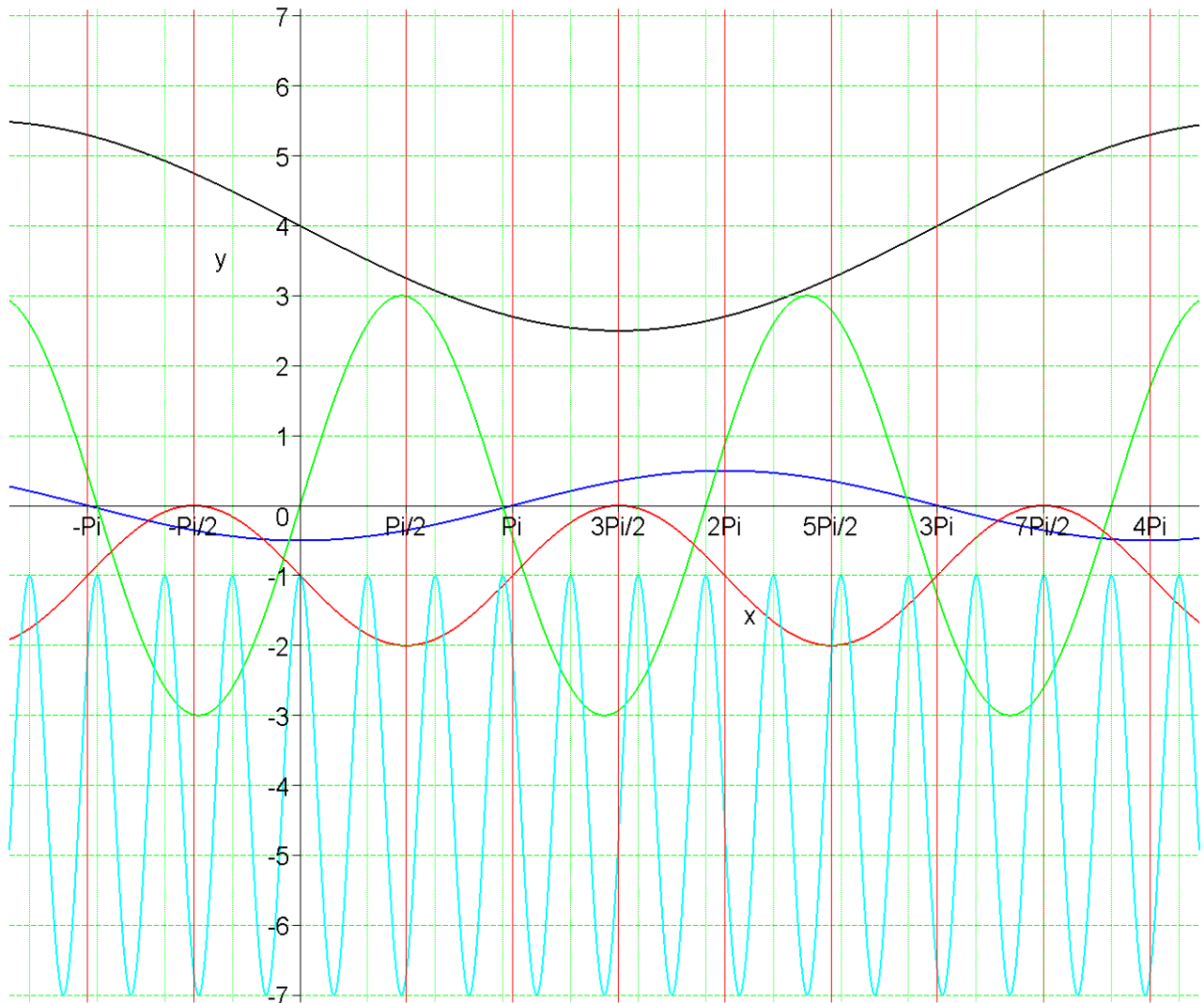
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$$No1 = \left( \sin(A) = \frac{3}{5} \right), No2 = \left( \sec(A) = \frac{9}{8} \right), No3 = \left( \cos(A) = \frac{3}{x} \right), No4 = \left( \csc(A) = \frac{x}{4} \right)$$

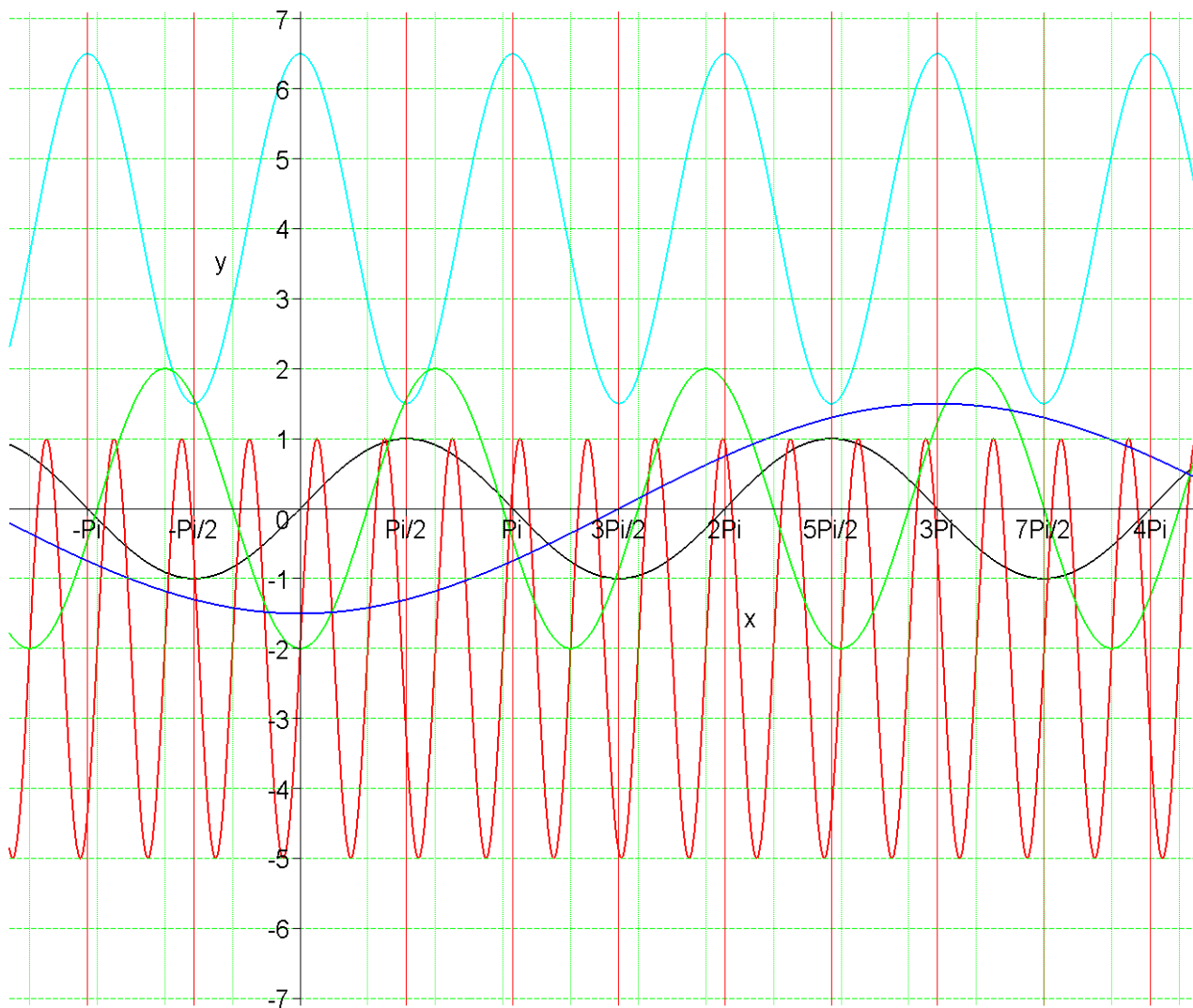
$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 3 \cos(\theta)) & .3 = (y = \cos(4 \theta)) \\ .4 = (y = -5 \sin(3 \theta)) & .5 = \left(y = -\frac{1}{6} \sin(2 \theta)\right) & .6 = \left(y = 4 \sin\left(\frac{\theta}{6}\right) - 5\right) \\ .7 = \left(y = -\frac{1}{5} \sin\left(\frac{\pi \theta}{2}\right)\right) & .8 = (y = -4 \sin(5 \pi \theta) + 5) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = 3 \cos(2 \pi x) - 4 & y = -\frac{3}{2} \sin\left(\frac{x}{3}\right) + 4 & y = -\sin(x) - 1 \\ y = 3 \sin\left(\frac{\pi x}{3}\right) & y = -\frac{1}{2} \cos\left(\frac{x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



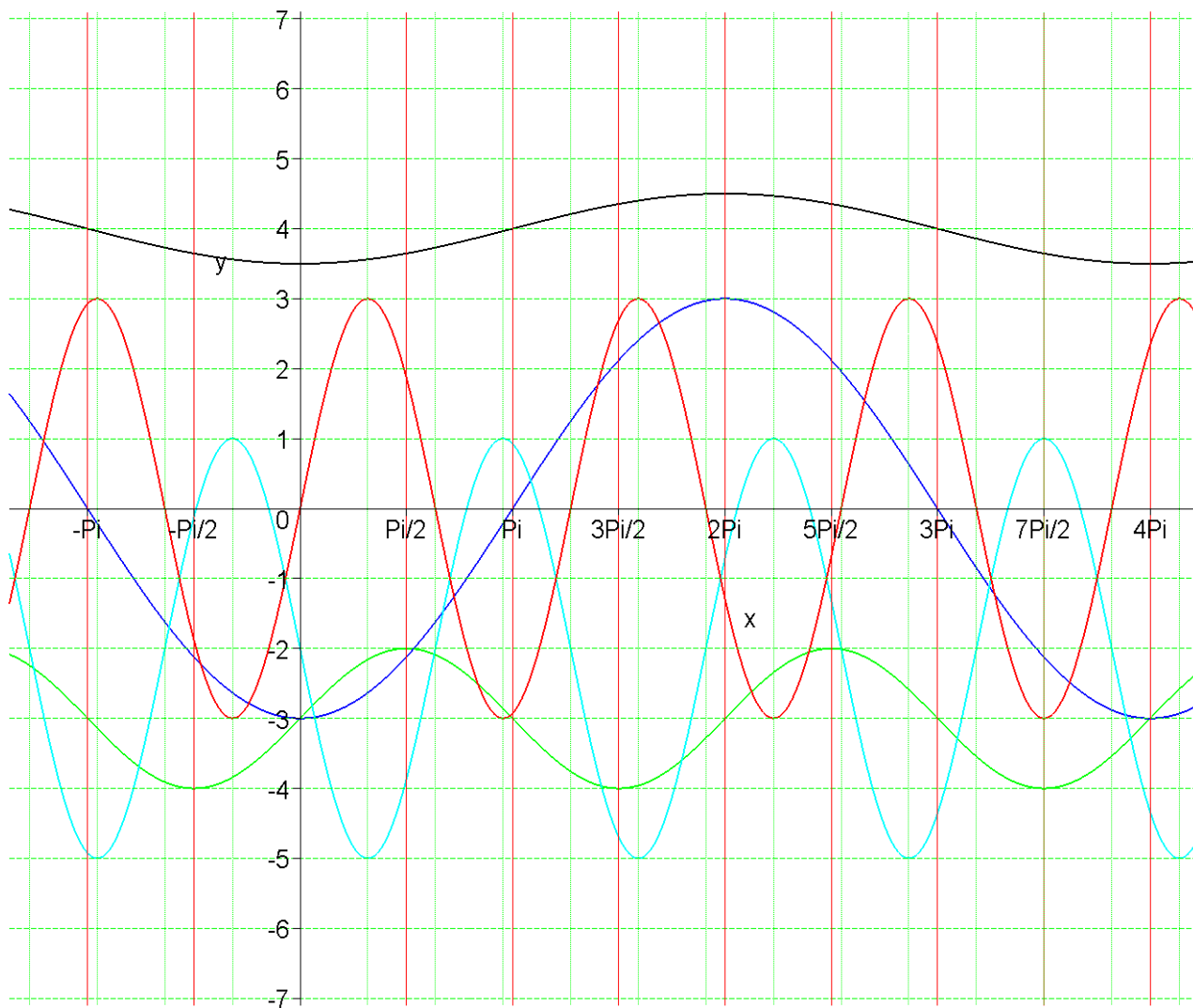
TrigonometryExercise for No.12586

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \cos\left(\frac{x}{3}\right) & y = -2 \cos\left(\frac{\pi x}{2}\right) & y = 3 \sin(2 \pi x) - 2 \\ y = \sin(x) & y = \frac{5}{2} \cos(2 x) + 4 & \frac{MA}{TH} \end{bmatrix}$$



TrigonometryExercise for No.12677

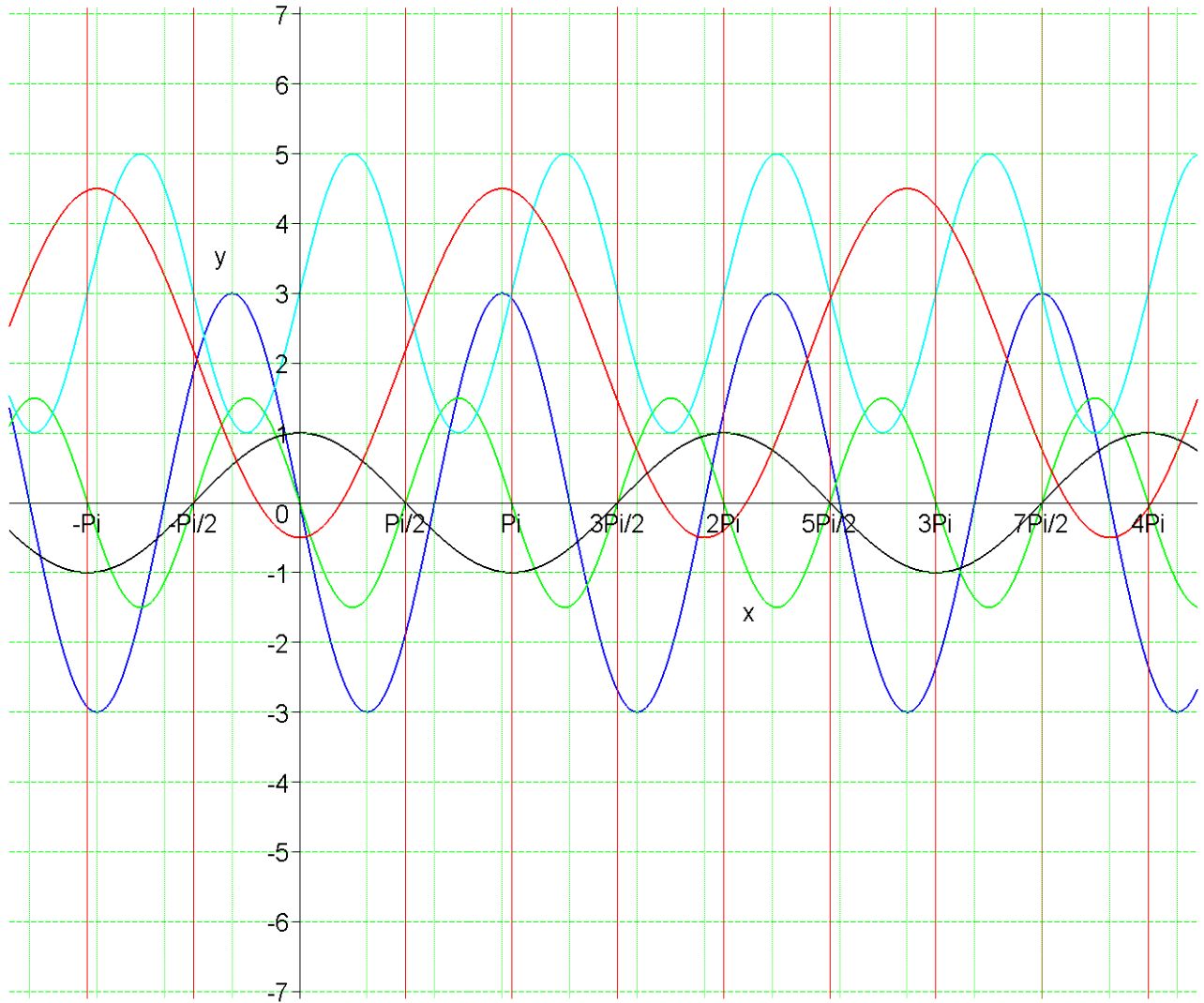
$$No6 = \begin{bmatrix} y = 3 \sin\left(\frac{\pi x}{2}\right) & y = -\frac{1}{2} \cos\left(\frac{x}{2}\right) + 4 & y = -3 \sin\left(\frac{\pi x}{2}\right) - 2 \\ y = -3 \cos\left(\frac{x}{2}\right) & y = \sin(x) - 3 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{7}{2} \right), No2 = \left( \cot(A) = \frac{2}{5} \right), No3 = \left( \sin(A) = \frac{6}{x} \right), No4 = \left( \sec(A) = \frac{4}{x} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \sin(\theta)) & .2 = (y = -5 \cos(\theta)) & .3 = (y = \sin(4 \theta)) \\ .4 = (y = 5 \cos(3 \theta)) & .5 = \left( y = -3 \sin\left(\frac{\theta}{2}\right) \right) & .6 = \left( y = -\frac{1}{3} \sin(4 \theta) - 1 \right) \\ .7 = \left( y = -\frac{1}{4} \sin(5 \pi \theta) \right) & .8 = \left( y = -5 \sin\left(\frac{\pi \theta}{4}\right) + 3 \right) & \frac{MA}{TH} \end{array} \right]$$

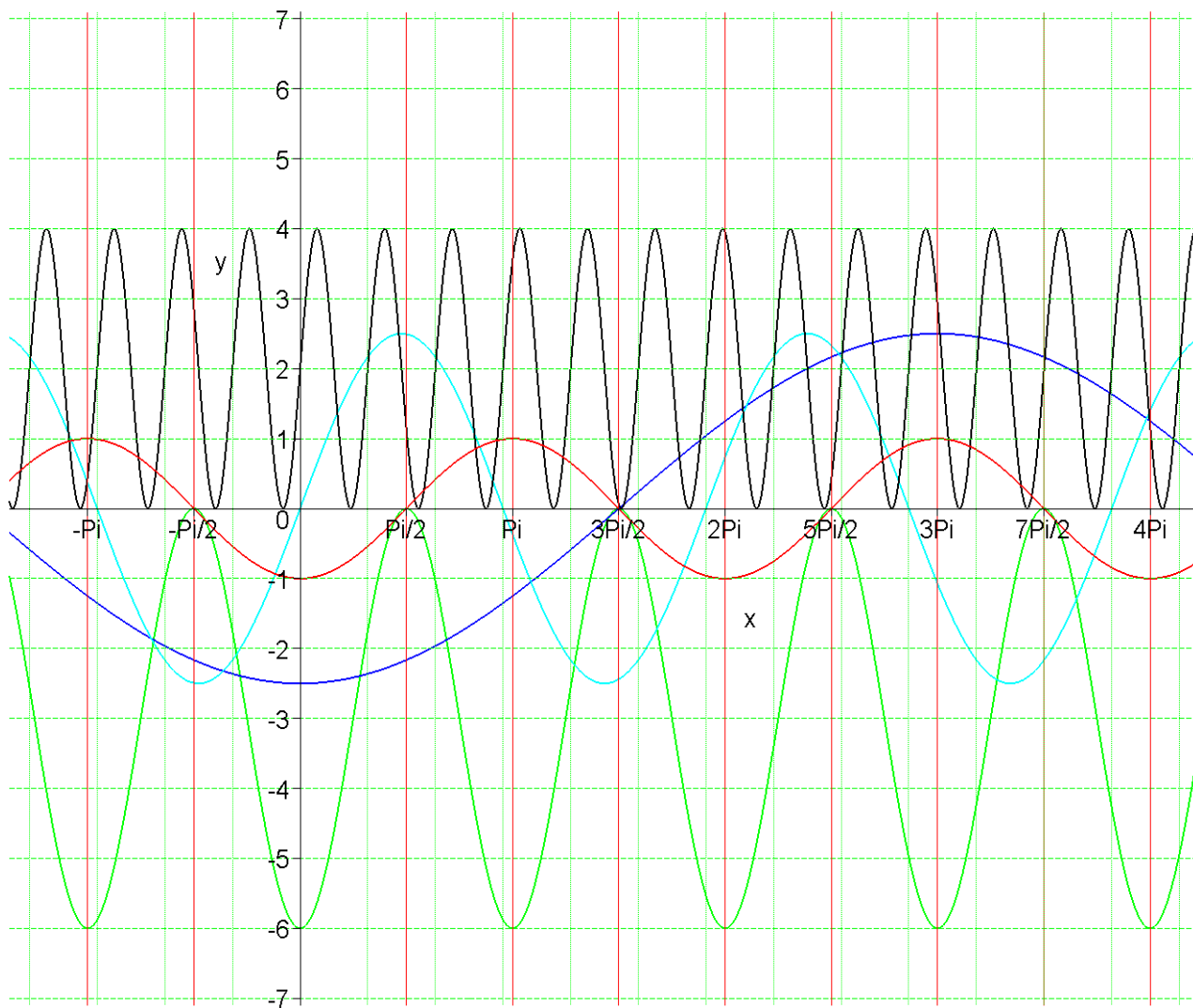
$$No6 = \begin{bmatrix} y = \cos(x) & y = -\frac{5}{2} \cos\left(\frac{\pi x}{3}\right) + 2 & y = 2 \sin(2x) + 3 \\ y = -\frac{3}{2} \sin(2x) & y = -3 \sin\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{5}{7} \right), No2 = \left( \sec(A) = \frac{9}{2} \right), No3 = \left( \cos(A) = \frac{1}{x} \right), No4 = \left( \csc(A) = \frac{5}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -6 \sin(\theta)) & .3 = (y = \cos(3 \theta)) \\ .4 = (y = -4 \sin(2 \theta)) & .5 = \left(y = -3 \cos\left(\frac{\theta}{2}\right)\right) & .6 = \left(y = -\frac{1}{2} \cos(3 \theta) + 1\right) \\ .7 = \left(y = -6 \cos\left(\frac{\pi \theta}{5}\right)\right) & .8 = \left(y = -\frac{1}{2} \sin(6 \pi \theta) + 4\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\cos(x) & y = 2 \sin(2 \pi x) + 2 & y = \frac{5}{2} \sin\left(\frac{\pi x}{3}\right) \\ y = -\frac{5}{2} \cos\left(\frac{x}{3}\right) & y = -3 \cos(2 x) - 3 & \frac{MA}{TH} \end{bmatrix}$$

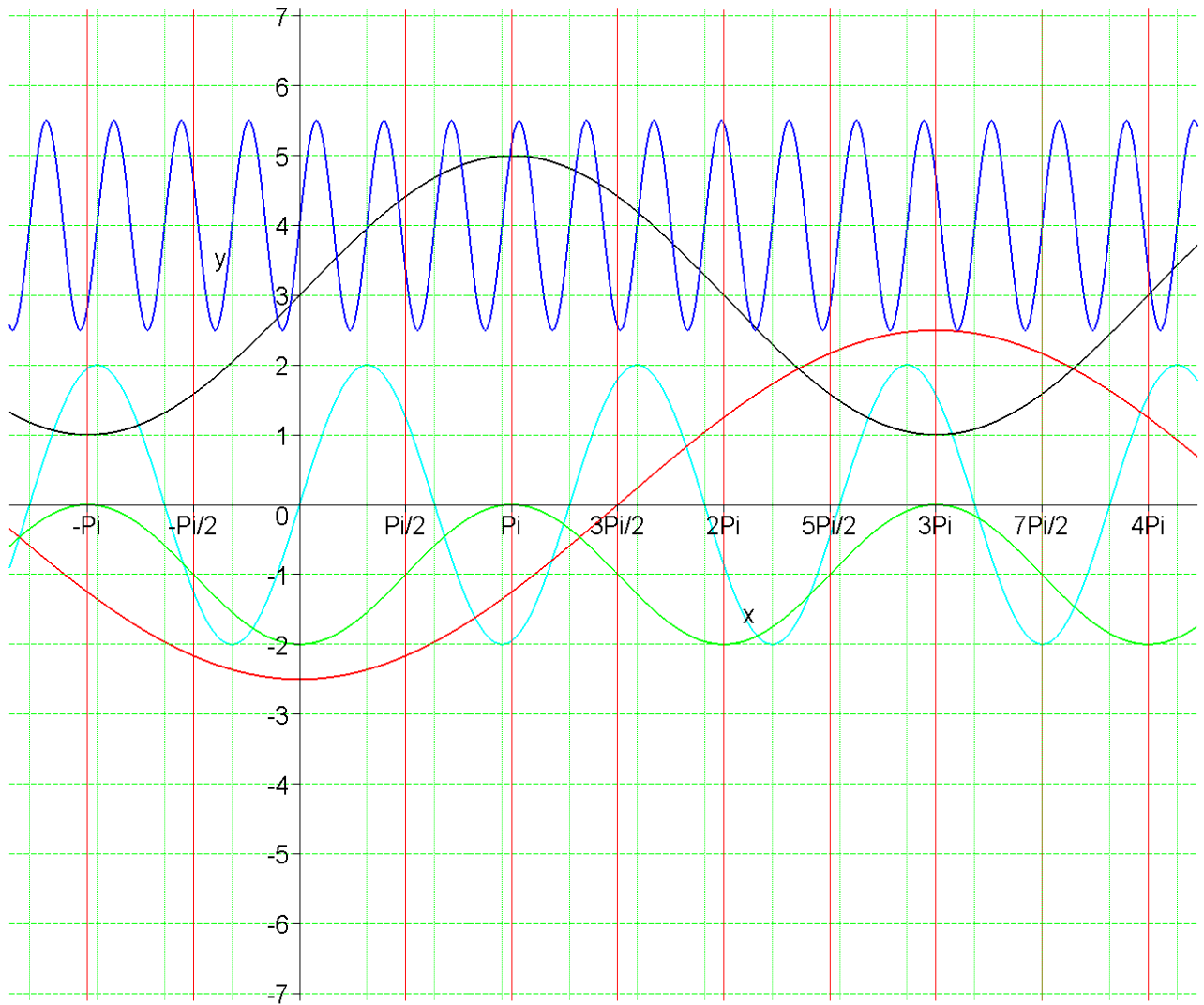




$$No1 = \left( \tan(A) = \frac{8}{7} \right), No2 = \left( \csc(A) = \frac{9}{8} \right), No3 = \left( \sin(A) = \frac{3}{x} \right), No4 = \left( \cot(A) = \frac{x}{7} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 3 \sin(\theta)) & .3 = (y = \sin(5 \theta)) \\ .4 = (y = -3 \sin(2 \theta)) & .5 = \left(y = 3 \cos\left(\frac{\theta}{5}\right)\right) & .6 = \left(y = -\frac{1}{3} \cos(4 \theta) - 1\right) \\ .7 = (y = -6 \cos(3 \pi \theta)) & .8 = \left(y = -\frac{1}{5} \sin\left(\frac{\pi \theta}{3}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\cos(x) - 1 & y = \frac{3}{2} \sin(2 \pi x) + 4 & y = 2 \sin\left(\frac{x}{2}\right) + 3 \\ y = -\frac{5}{2} \cos\left(\frac{x}{3}\right) & y = 2 \sin\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$





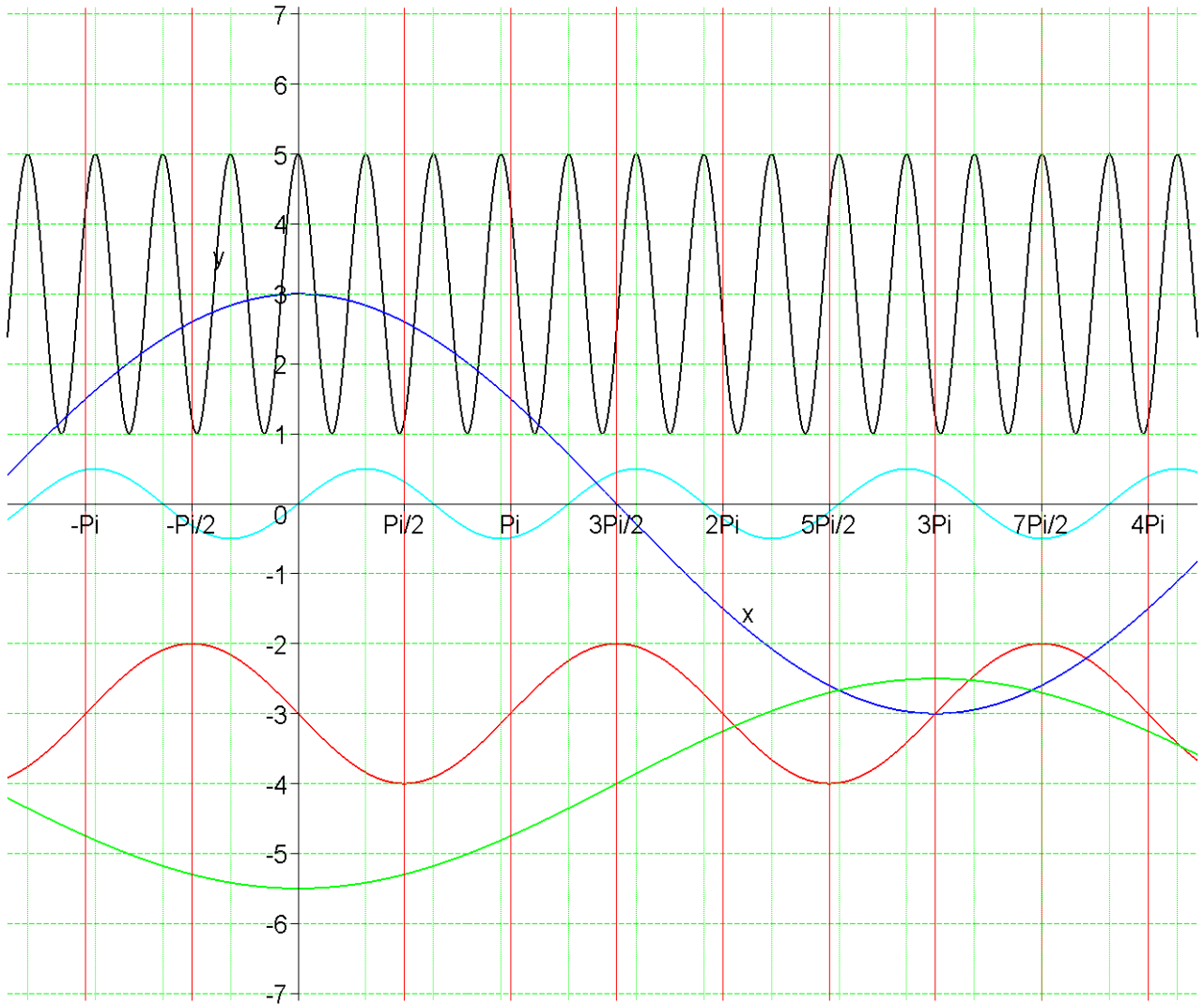


TrigonometryExercise for No.645103

$$No1 = \left( \cos(A) = \frac{4}{9} \right), No2 = \left( \cot(A) = \frac{5}{4} \right), No3 = \left( \tan(A) = \frac{x}{3} \right), No4 = \left( \csc(A) = \frac{4}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -3 \sin(\theta)) & .3 = (y = \cos(2 \theta)) \\ .4 = (y = 5 \cos(6 \theta)) & .5 = \left(y = \frac{1}{5} \sin(3 \theta)\right) & .6 = \left(y = 5 \sin\left(\frac{\theta}{4}\right) + 2\right) \\ .7 = \left(y = -\frac{1}{4} \cos\left(\frac{\pi \theta}{6}\right)\right) & .8 = (y = -2 \cos(6 \pi \theta) + 2) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \cos\left(\frac{x}{3}\right) - 4 & y = 3 \cos\left(\frac{x}{3}\right) & y = \frac{1}{2} \sin\left(\frac{\pi x}{2}\right) \\ y = -\sin(x) - 3 & y = 2 \cos(2 \pi x) + 3 & \frac{MA}{TH} \end{bmatrix}$$

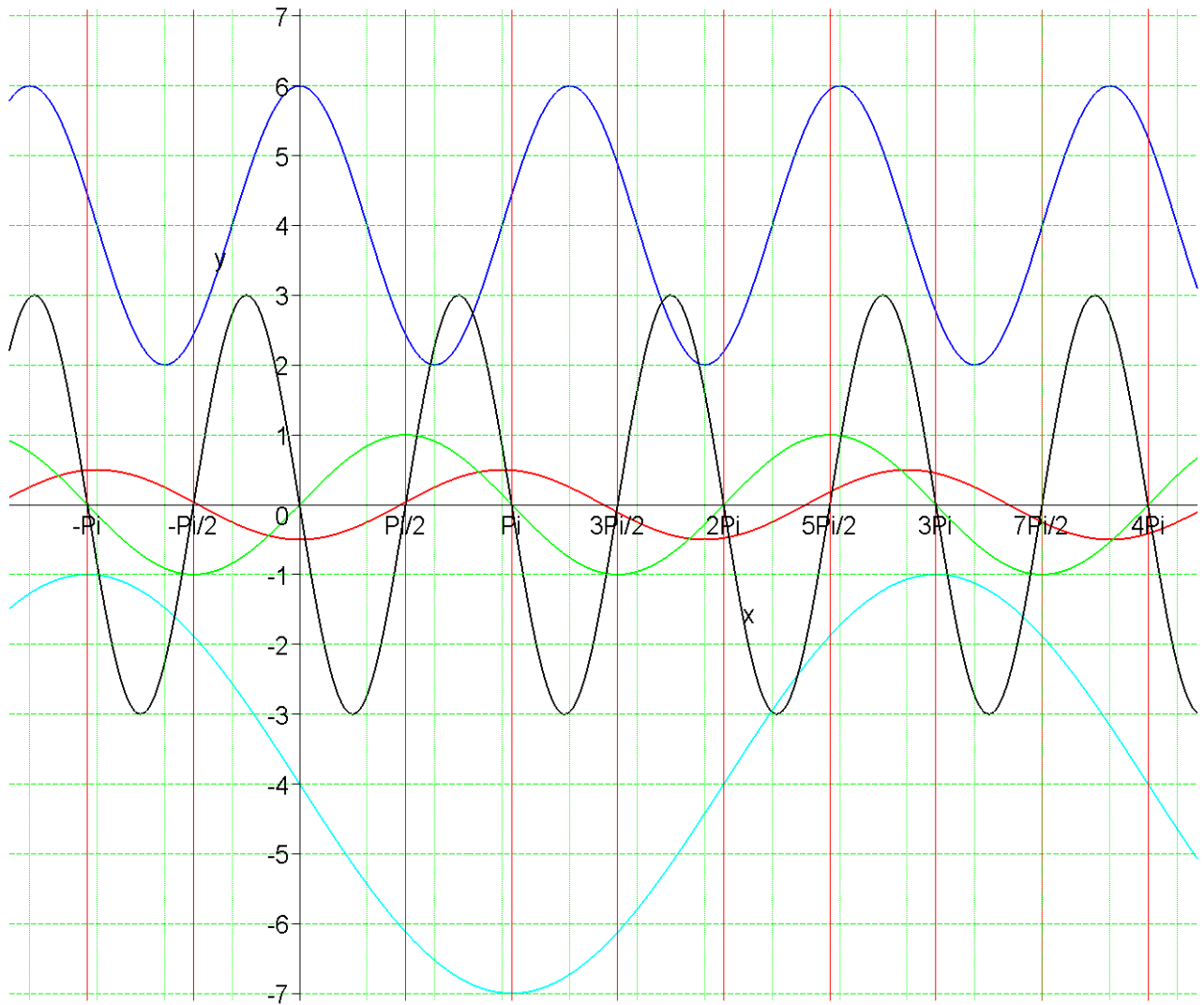


TrigonometryExercise for No.645104

$$No1 = \left( \cos(A) = \frac{5}{7} \right), No2 = \left( \csc(A) = \frac{8}{5} \right), No3 = \left( \tan(A) = \frac{4}{x} \right), No4 = \left( \cot(A) = \frac{x}{2} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 4 \sin(\theta)) & .3 = (y = \cos(3 \theta)) \\ .4 = (y = 4 \cos(3 \theta)) & .5 = \left(y = \frac{1}{4} \cos(6 \theta)\right) & .6 = \left(y = -3 \sin\left(\frac{\theta}{4}\right) - 2\right) \\ .7 = (y = -5 \sin(4 \pi \theta)) & .8 = \left(y = -\frac{1}{3} \sin\left(\frac{\pi \theta}{4}\right) + 4\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -3 \sin(2x) & y = 2 \cos\left(\frac{\pi x}{2}\right) + 4 & y = -3 \sin\left(\frac{x}{2}\right) - 4 \\ y = \sin(x) & y = -\frac{1}{2} \cos\left(\frac{\pi x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$





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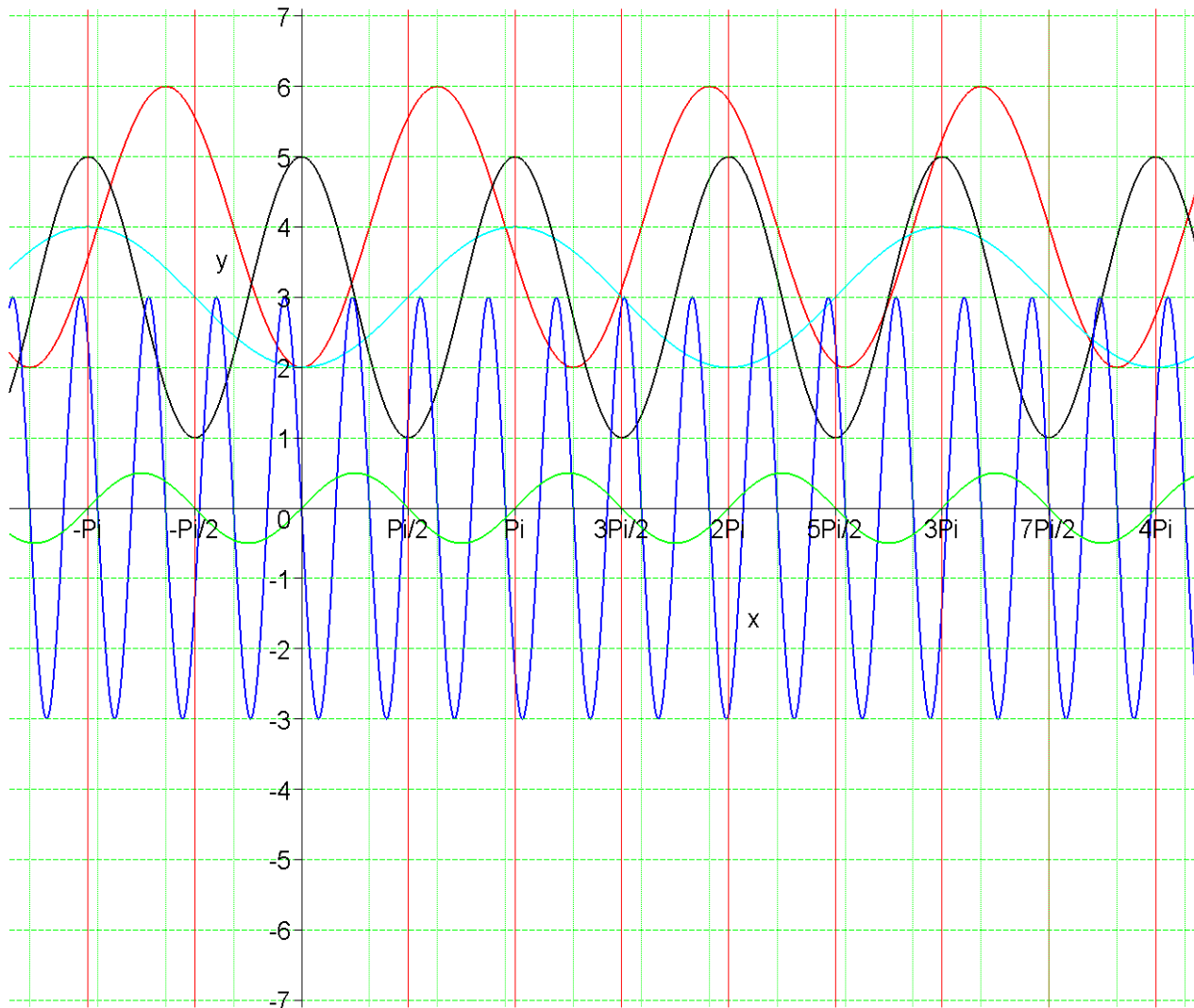
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TrigonometryExercise for No.645106

$$No1 = \left( \cos(A) = \frac{3}{7} \right), No2 = \left( \csc(A) = \frac{9}{7} \right), No3 = \left( \tan(A) = \frac{2}{x} \right), No4 = \left( \sec(A) = \frac{x}{3} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -4 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = 6 \sin(5 \theta)) & .5 = \left(y = 4 \cos\left(\frac{\theta}{6}\right)\right) & .6 = \left(y = -\frac{1}{4} \sin(5 \theta) - 3\right) \\ .7 = \left(y = -\frac{1}{2} \cos\left(\frac{\pi \theta}{4}\right)\right) & .8 = (y = -4 \sin(6 \pi \theta) + 3) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \frac{1}{2} \sin(2x) & y = -3 \sin(2\pi x) & y = 2 \cos(2x) + 3 \\ y = -\cos(x) + 3 & y = -2 \cos\left(\frac{\pi x}{2}\right) + 4 & \frac{MA}{TH} \end{bmatrix}$$

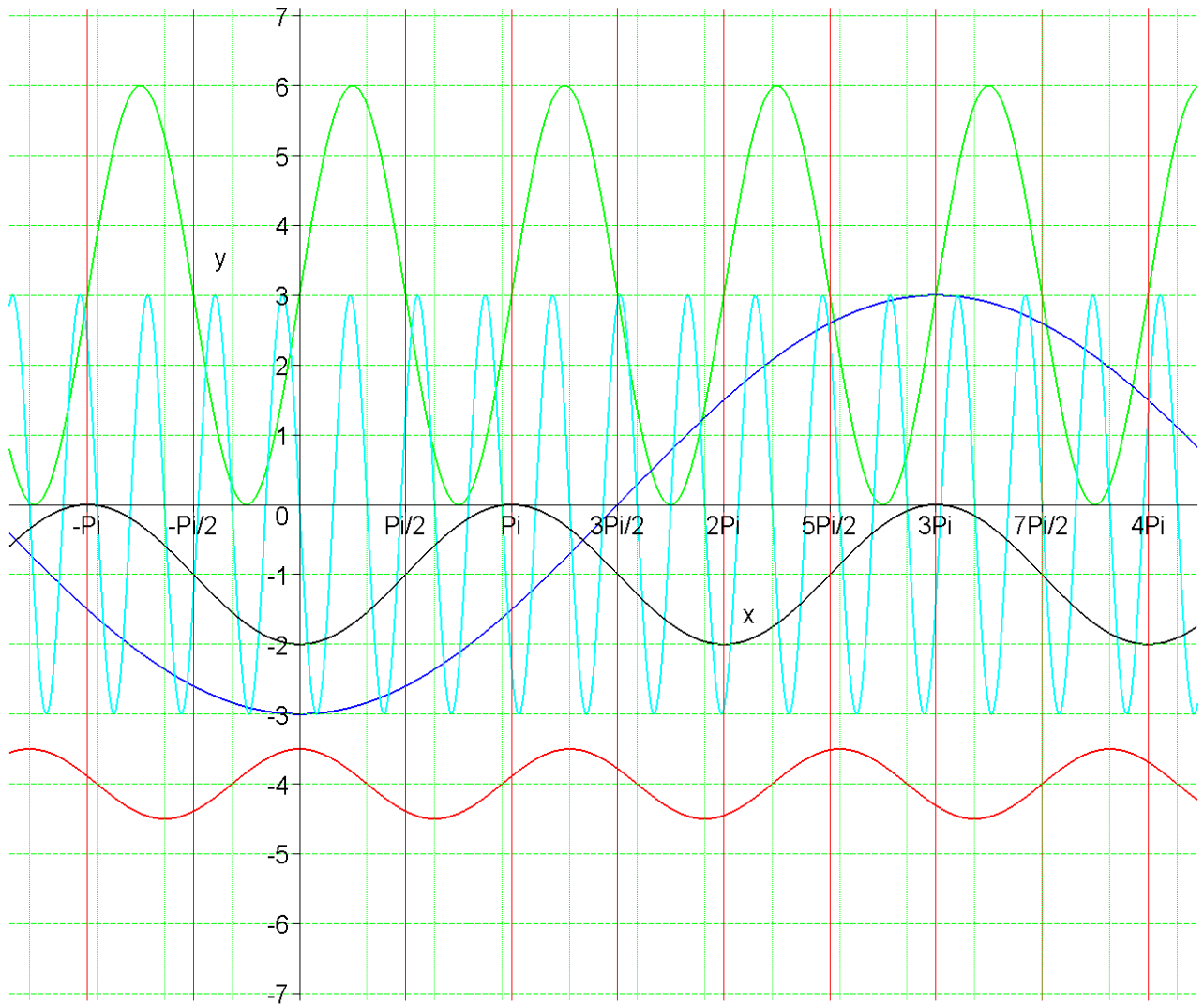


TrigonometryExercise for No.645107

$$No1 = \left( \sin(A) = \frac{7}{8} \right), No2 = \left( \sec(A) = \frac{3}{2} \right), No3 = \left( \tan(A) = \frac{7}{x} \right), No4 = \left( \csc(A) = \frac{x}{3} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \cos(\theta)) & .2 = (y = -2 \sin(\theta)) & .3 = (y = \sin(3 \theta)) \\ .4 = (y = -5 \cos(2 \theta)) & .5 = \left( y = -2 \cos\left(\frac{\theta}{3}\right) \right) & .6 = \left( y = \frac{1}{6} \cos(5 \theta) + 2 \right) \\ .7 = \left( y = -\frac{1}{3} \sin(2 \pi \theta) \right) & .8 = \left( y = -5 \sin\left(\frac{\pi \theta}{6}\right) + 3 \right) & \frac{MA}{TH} \end{array} \right]$$

$$No6 = \begin{bmatrix} y = -\cos(x) - 1 & y = -3 \sin(2 \pi x) & y = -3 \cos\left(\frac{x}{3}\right) \\ y = \frac{1}{2} \cos\left(\frac{\pi x}{2}\right) - 4 & y = 3 \sin(2 x) + 3 & \frac{MA}{TH} \end{bmatrix}$$



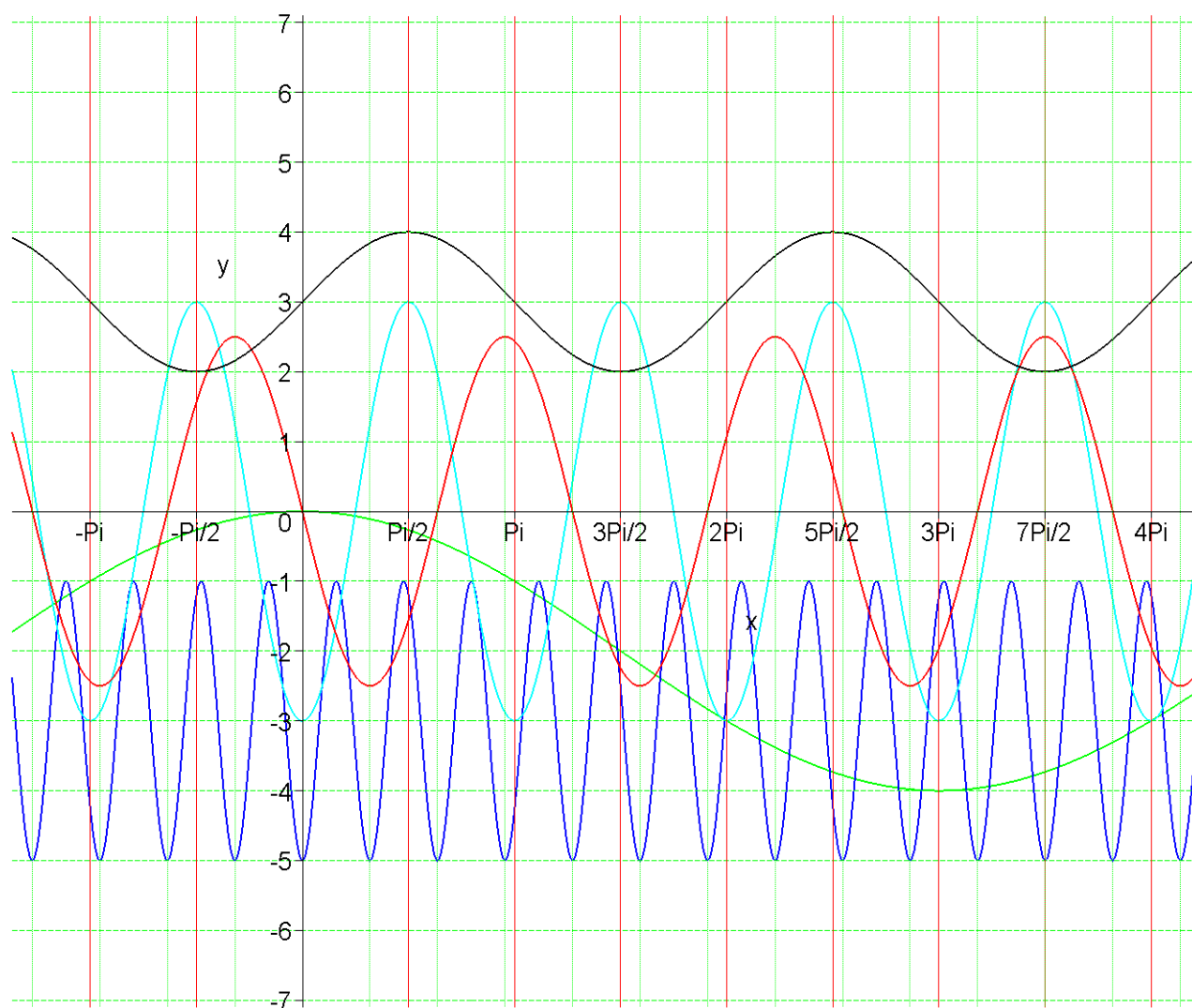


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TrigonometryExercise for No.645108

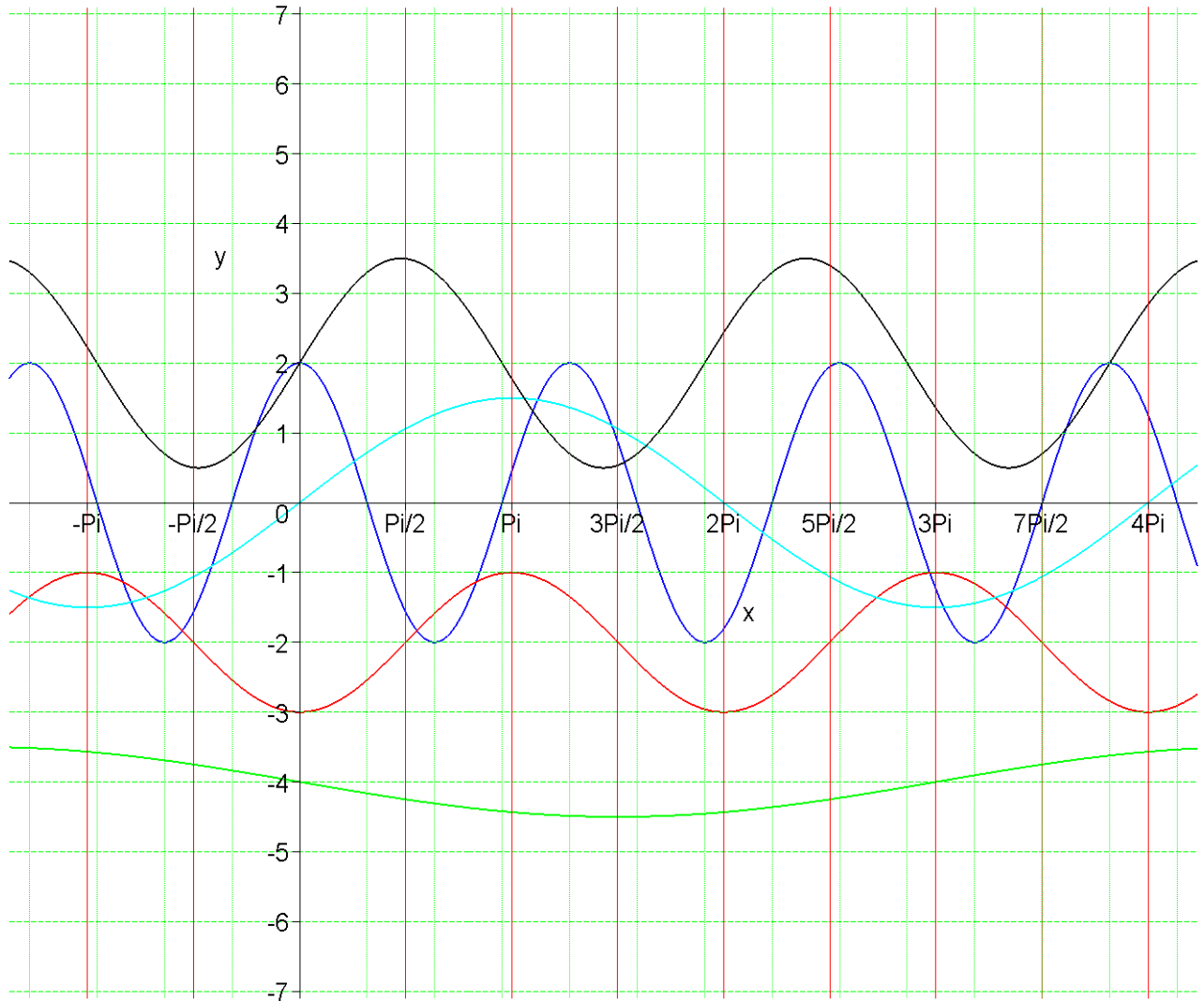
$$No1 = \left( \cos(A) = \frac{3}{7} \right), No2 = \left( \cot(A) = \frac{6}{5} \right), No3 = \left( \sin(A) = \frac{x}{7} \right), No4 = \left( \sec(A) = \frac{5}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 3 \cos(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = -6 \sin(5 \theta)) & .5 = \left(y = \frac{1}{5} \sin(2 \theta)\right) & .6 = \left(y = -4 \cos\left(\frac{\theta}{5}\right) - 1\right) \\ .7 = \left(y = -2 \cos\left(\frac{\pi \theta}{4}\right)\right) & .8 = \left(y = -\frac{1}{4} \cos(2 \pi \theta) + 4\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \sin(x) + 3 & y = -\frac{5}{2} \sin\left(\frac{\pi x}{2}\right) & y = -3 \cos(2x) \\ y = -2 \cos(2\pi x) - 3 & y = 2 \cos\left(\frac{x}{3}\right) - 2 & \frac{MA}{TH} \end{bmatrix}$$



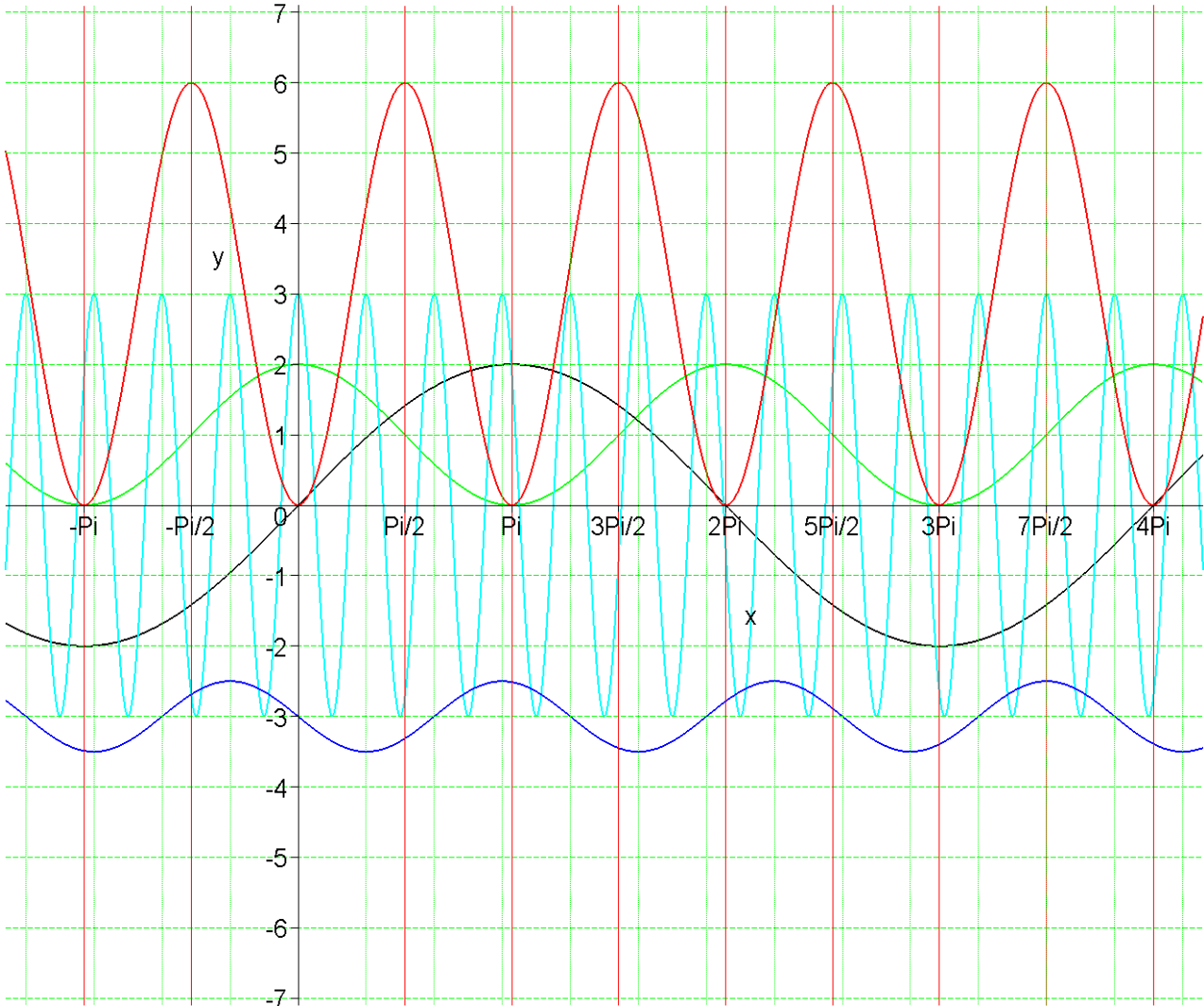
$$No6 = \begin{bmatrix} y = -\frac{1}{2} \sin\left(\frac{x}{3}\right) - 4 & y = \frac{3}{2} \sin\left(\frac{\pi x}{3}\right) + 2 & y = \frac{3}{2} \sin\left(\frac{x}{2}\right) \\ y = -\cos(x) - 2 & y = 2 \cos\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \cos(A) = \frac{3}{8} \right), No2 = \left( \sec(A) = \frac{9}{8} \right), No3 = \left( \tan(A) = \frac{2}{x} \right), No4 = \left( \cot(A) = \frac{3}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 3 \cos(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = 2 \sin(4 \theta)) & .5 = \left(y = -\frac{1}{3} \cos(4 \theta)\right) & .6 = \left(y = 2 \cos\left(\frac{\theta}{4}\right) + 3\right) \\ .7 = (y = -3 \cos(4 \pi \theta)) & .8 = \left(y = -\frac{1}{2} \sin\left(\frac{\pi \theta}{3}\right) + 1\right) & \frac{MA}{TH} \end{bmatrix}$$

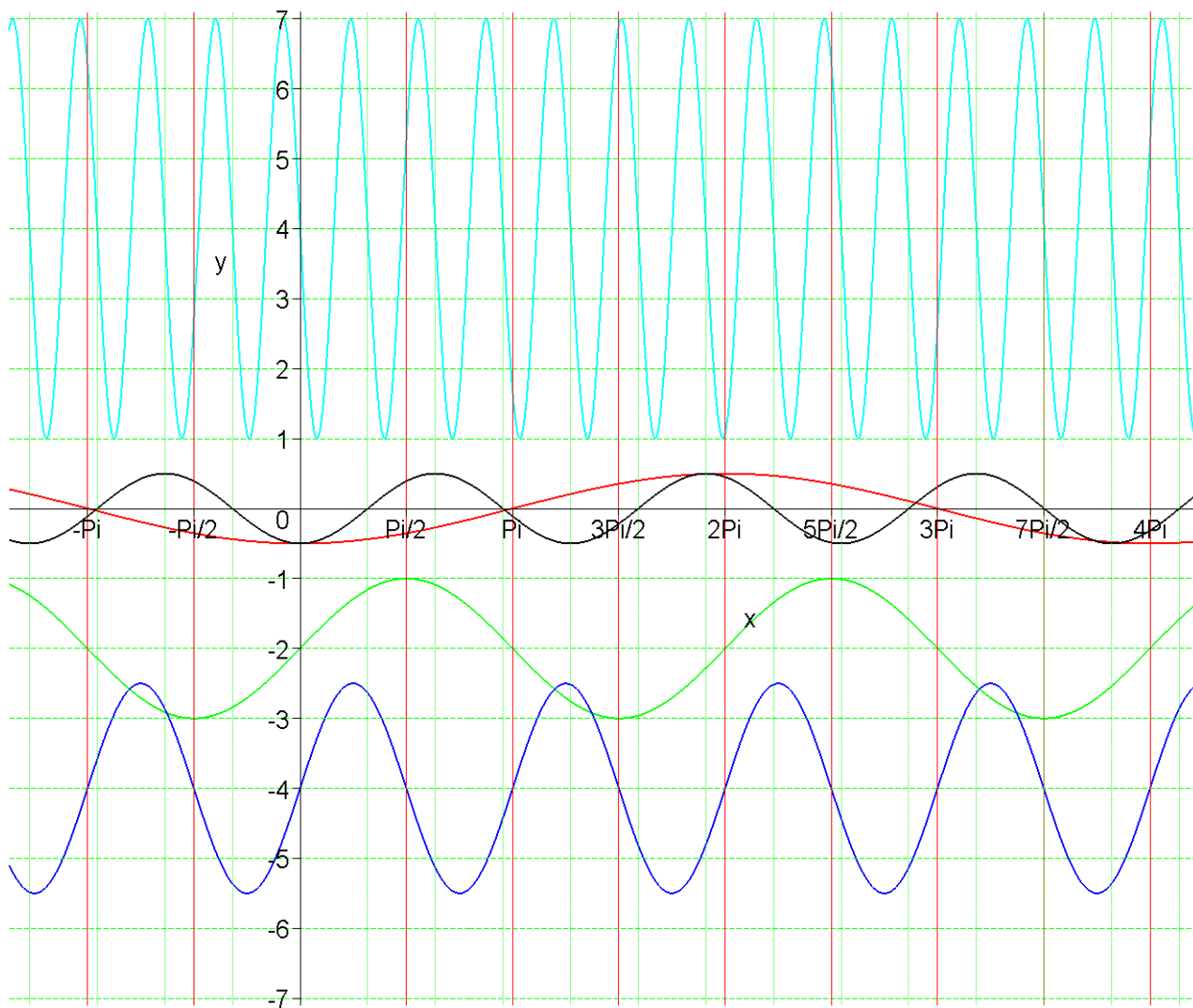
$$No6 = \begin{bmatrix} y = -3 \cos(2x) + 3 & y = -\frac{1}{2} \sin\left(\frac{\pi x}{2}\right) - 3 & y = 3 \cos(2\pi x) \\ y = 2 \sin\left(\frac{x}{2}\right) & y = \cos(x) + 1 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \sin(A) = \frac{7}{9} \right), No2 = \left( \csc(A) = \frac{5}{2} \right), No3 = \left( \cos(A) = \frac{x}{3} \right), No4 = \left( \sec(A) = \frac{x}{4} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 2 \sin(\theta)) & .3 = (y = \sin(5 \theta)) \\ .4 = (y = -6 \cos(3 \theta)) & .5 = \left(y = 3 \cos\left(\frac{\theta}{4}\right)\right) & .6 = \left(y = -\frac{1}{5} \cos(4 \theta) + 3\right) \\ .7 = \left(y = -\frac{1}{2} \cos(3 \pi \theta)\right) & .8 = \left(y = -5 \cos\left(\frac{\pi \theta}{3}\right) - 3\right) & \frac{MA}{TH} \end{bmatrix}$$

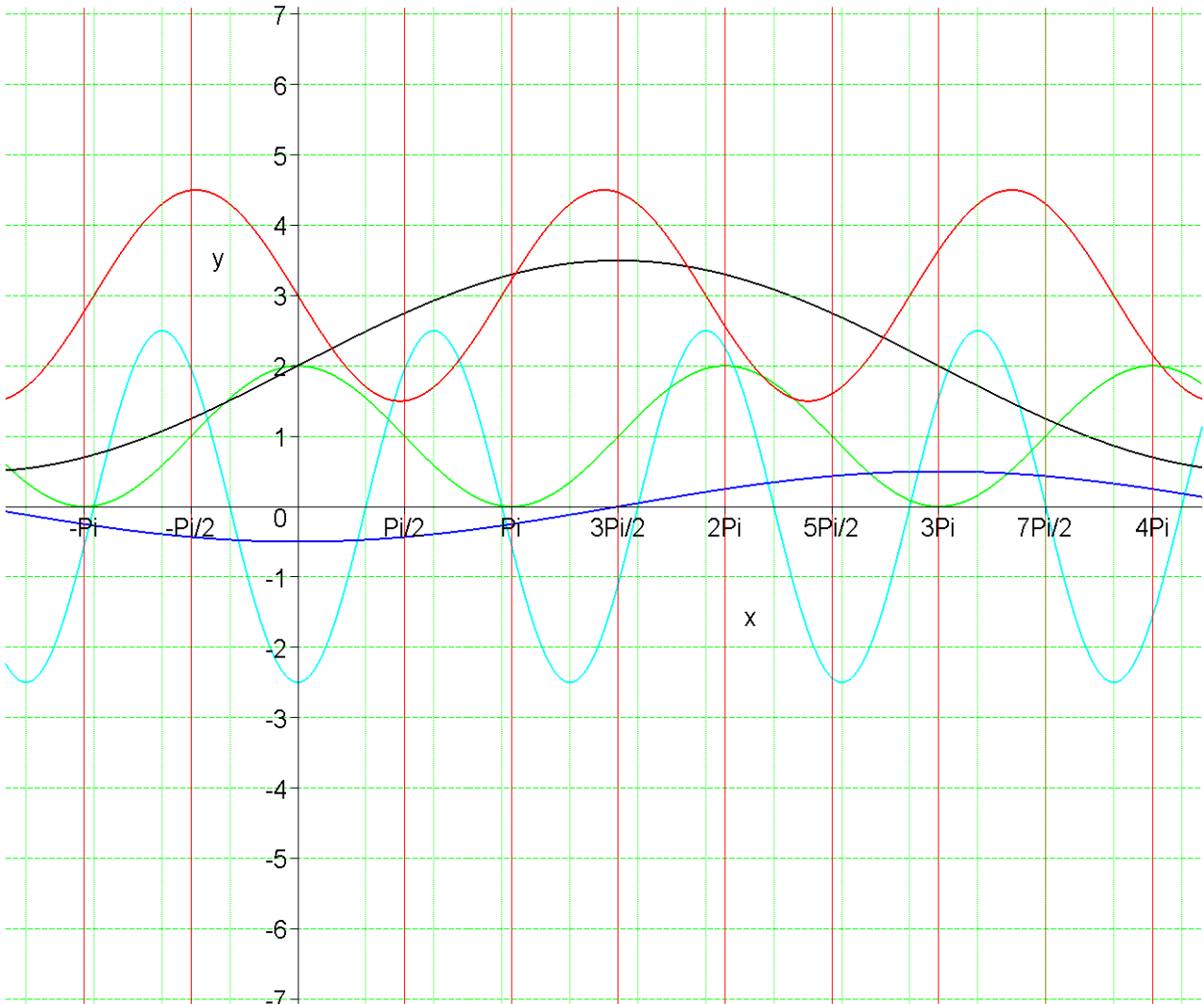
$$No6 = \begin{bmatrix} y = \frac{3}{2} \sin(2x) - 4 & y = -\frac{1}{2} \cos\left(\frac{\pi x}{2}\right) & y = \sin(x) - 2 \\ y = -3 \sin(2\pi x) + 4 & y = -\frac{1}{2} \cos\left(\frac{x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{3}{7} \right), No2 = \left( \cot(A) = \frac{7}{8} \right), No3 = \left( \cos(A) = \frac{2}{x} \right), No4 = \left( \csc(A) = \frac{3}{x} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \sin(\theta)) & .2 = (y = -4 \cos(\theta)) & .3 = (y = \sin(5 \theta)) \\ .4 = (y = -5 \cos(3 \theta)) & .5 = \left( y = \frac{1}{4} \cos(6 \theta) \right) & .6 = \left( y = 3 \sin\left(\frac{\theta}{2}\right) - 5 \right) \\ .7 = \left( y = -\frac{1}{3} \sin\left(\frac{\pi \theta}{5}\right) \right) & .8 = (y = -4 \cos(6 \pi \theta) - 3) & \frac{MA}{TH} \end{array} \right]$$

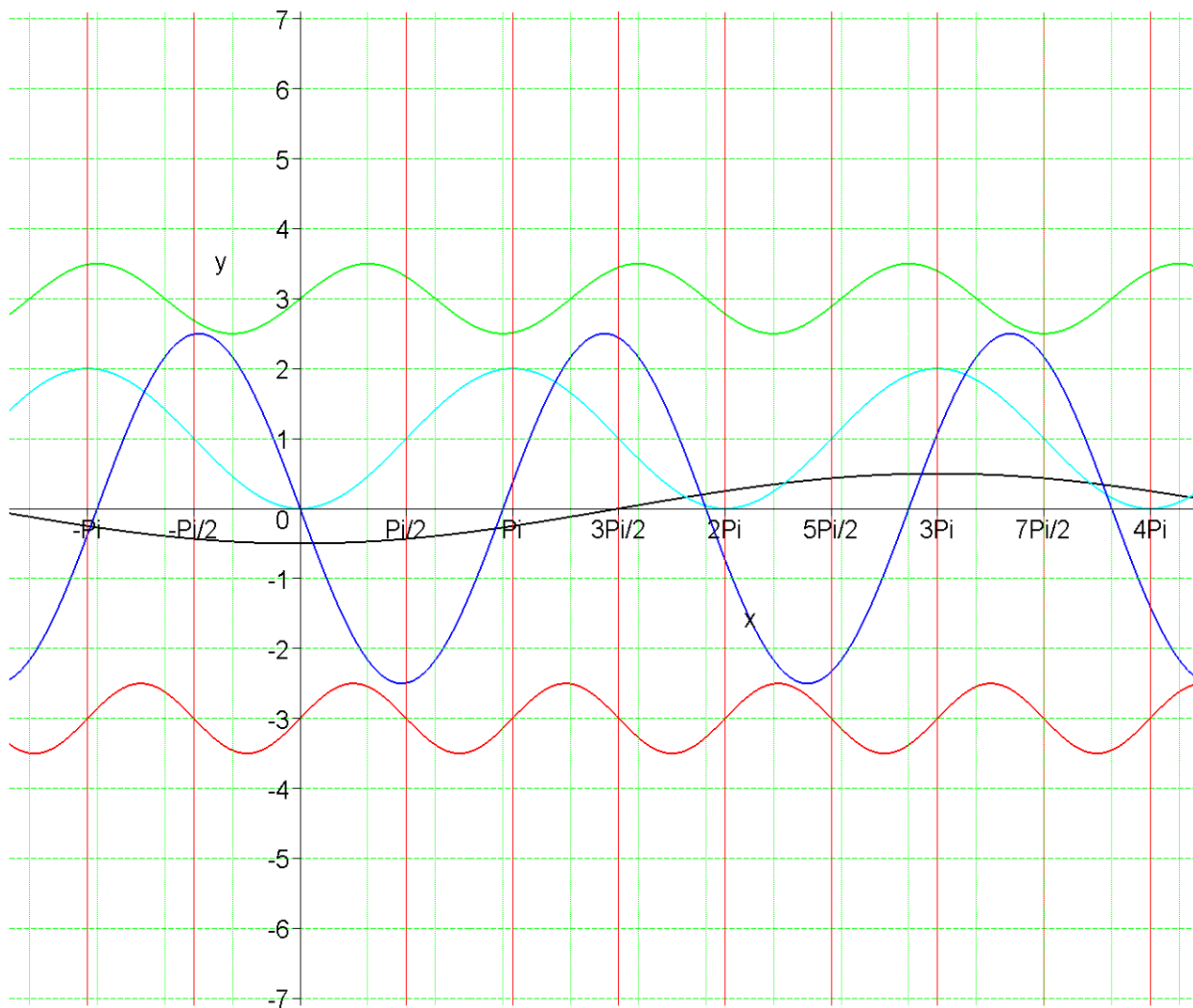
$$No6 = \begin{bmatrix} y = -\frac{3}{2} \sin\left(\frac{\pi x}{3}\right) + 3 & y = \frac{3}{2} \sin\left(\frac{x}{3}\right) + 2 & y = -\frac{1}{2} \cos\left(\frac{x}{3}\right) \\ y = \cos(x) + 1 & y = -\frac{5}{2} \cos\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \sin(A) = \frac{5}{8} \right), No2 = \left( \sec(A) = \frac{7}{5} \right), No3 = \left( \tan(A) = \frac{7}{x} \right), No4 = \left( \csc(A) = \frac{1}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -5 \cos(\theta)) & .3 = (y = \sin(2 \theta)) \\ .4 = (y = 3 \cos(2 \theta)) & .5 = \left(y = -4 \cos\left(\frac{\theta}{2}\right)\right) & .6 = \left(y = -\frac{1}{6} \sin(3 \theta) - 2\right) \\ .7 = \left(y = -3 \sin\left(\frac{\pi \theta}{4}\right)\right) & .8 = \left(y = -\frac{1}{3} \cos(5 \pi \theta) + 4\right) & \frac{MA}{TH} \end{bmatrix}$$

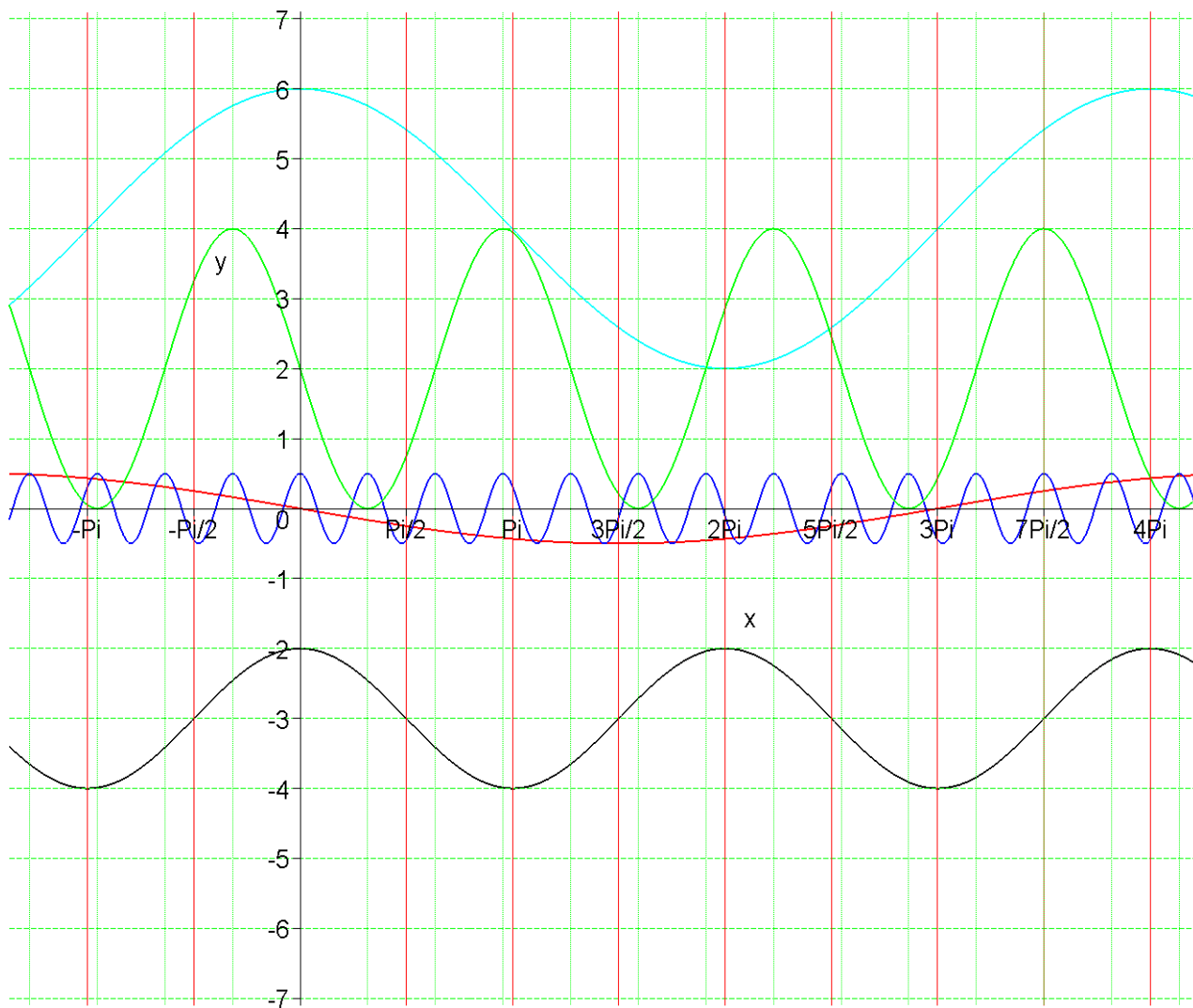
$$No6 = \begin{bmatrix} y = \frac{1}{2} \sin\left(\frac{\pi x}{2}\right) + 3 & y = -\frac{5}{2} \sin\left(\frac{\pi x}{3}\right) & y = -\cos(x) + 1 \\ y = \frac{1}{2} \sin(2x) - 3 & y = -\frac{1}{2} \cos\left(\frac{x}{3}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{7}{6} \right), No2 = \left( \csc(A) = \frac{9}{5} \right), No3 = \left( \cos(A) = \frac{x}{6} \right), No4 = \left( \cot(A) = \frac{x}{2} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \sin(\theta)) & .2 = (y = -6 \cos(\theta)) & .3 = (y = \cos(3 \theta)) \\ .4 = (y = -5 \sin(6 \theta)) & .5 = \left( y = 5 \cos\left(\frac{\theta}{3}\right) \right) & .6 = \left( y = \frac{1}{4} \sin(2 \theta) + 2 \right) \\ .7 = \left( y = -3 \cos\left(\frac{\pi \theta}{6}\right) \right) & .8 = \left( y = -\frac{1}{5} \cos(3 \pi \theta) + 3 \right) & \frac{MA}{TH} \end{array} \right]$$

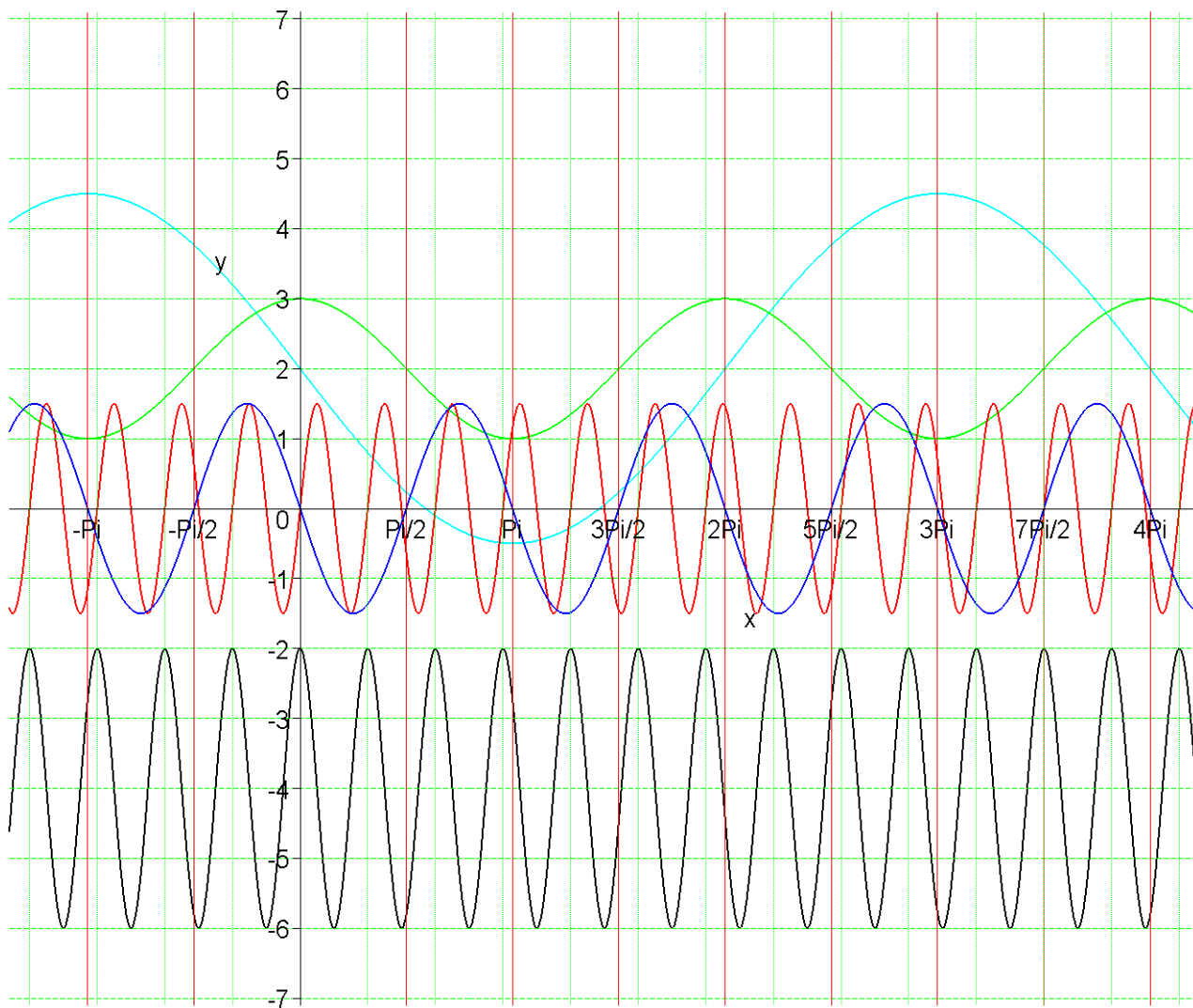
$$No6 = \left[ \begin{array}{ccc} y = -2 \sin\left(\frac{\pi x}{2}\right) + 2 & y = \frac{1}{2} \cos(2 \pi x) & y = \cos(x) - 3 \\ y = 2 \cos\left(\frac{x}{2}\right) + 4 & y = -\frac{1}{2} \sin\left(\frac{x}{3}\right) & \frac{MA}{TH} \end{array} \right]$$



$$No1 = \left( \cos(A) = \frac{5}{9} \right), No2 = \left( \csc(A) = \frac{8}{5} \right), No3 = \left( \tan(A) = \frac{x}{5} \right), No4 = \left( \sec(A) = \frac{6}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -5 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = -4 \sin(6 \theta)) & .5 = \left(y = 6 \sin\left(\frac{\theta}{2}\right)\right) & .6 = \left(y = -\frac{1}{5} \cos(6 \theta) - 1\right) \\ .7 = (y = -5 \cos(3 \pi \theta)) & .8 = \left(y = -\frac{1}{2} \sin\left(\frac{\pi \theta}{4}\right) + 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \sin(2x) & y = 2 \cos(2\pi x) - 4 & y = \frac{3}{2} \sin(2\pi x) \\ y = \cos(x) + 2 & y = -\frac{5}{2} \sin\left(\frac{x}{2}\right) + 2 & \frac{MA}{TH} \end{bmatrix}$$



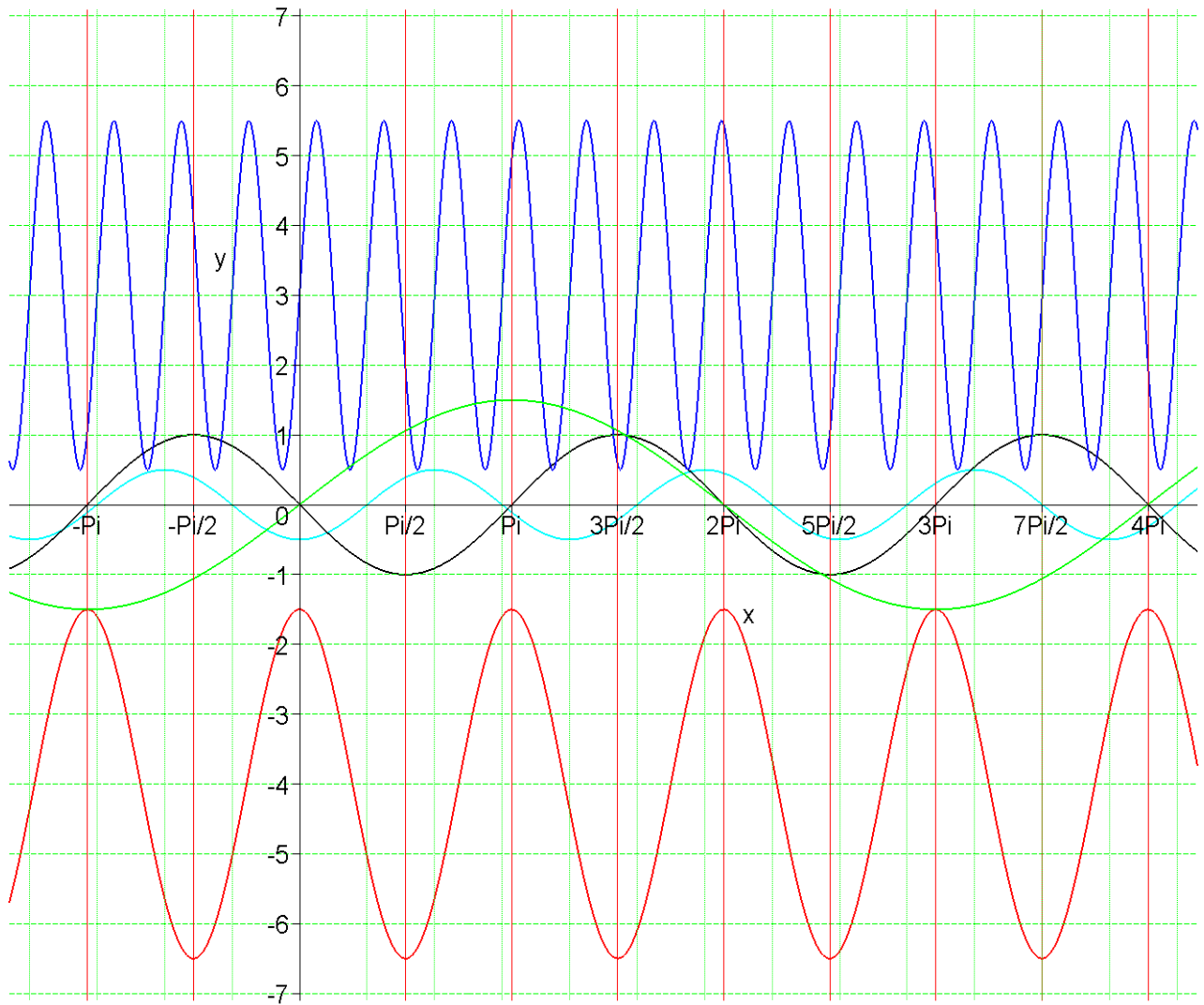


TrigonometryExercise for No.645116

$$No1 = \left( \tan(A) = \frac{3}{7} \right), No2 = \left( \csc(A) = \frac{8}{5} \right), No3 = \left( \sin(A) = \frac{x}{3} \right), No4 = \left( \sec(A) = \frac{x}{2} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \cos(\theta)) & .2 = (y = -2 \sin(\theta)) & .3 = (y = \cos(6 \theta)) \\ .4 = (y = 3 \sin(4 \theta)) & .5 = \left( y = 3 \sin\left(\frac{\theta}{4}\right) \right) & .6 = \left( y = \frac{1}{4} \sin(5 \theta) + 4 \right) \\ .7 = (y = -5 \sin(2 \pi \theta)) & .8 = \left( y = -\frac{1}{4} \cos\left(\frac{\pi \theta}{5}\right) - 4 \right) & \frac{MA}{TH} \end{array} \right]$$

$$No6 = \begin{bmatrix} y = \frac{3}{2} \sin\left(\frac{x}{2}\right) & y = \frac{5}{2} \sin(2\pi x) + 3 & y = \frac{5}{2} \cos(2x) - 4 \\ y = -\sin(x) & y = -\frac{1}{2} \cos\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$

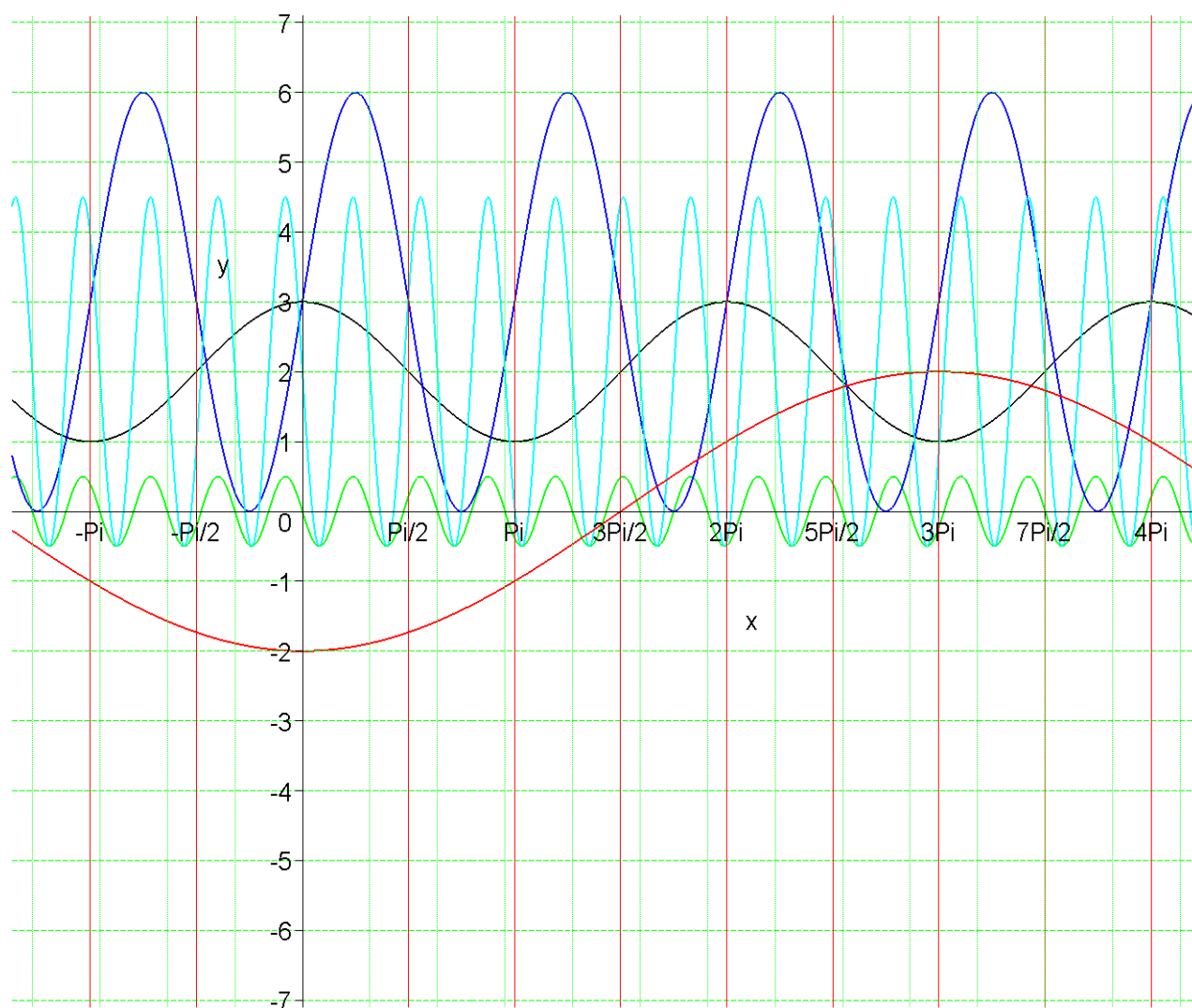


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TrigonometryExercise for No.645117

$$No1 = \left( \cos(A) = \frac{3}{4} \right), No2 = \left( \csc(A) = \frac{8}{3} \right), No3 = \left( \tan(A) = \frac{x}{2} \right), No4 = \left( \sec(A) = \frac{2}{x} \right)$$

$$No5 = \left[ \begin{array}{lll} .1 = (y = \cos(\theta)) & .2 = (y = 5 \sin(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = -5 \sin(4 \theta)) & .5 = \left( y = 6 \cos\left(\frac{\theta}{5}\right) \right) & .6 = \left( y = \frac{1}{2} \sin(5 \theta) + 1 \right) \\ .7 = \left( y = -\frac{1}{3} \sin(4 \pi \theta) \right) & .8 = \left( y = -6 \sin\left(\frac{\pi \theta}{4}\right) + 4 \right) & \frac{MA}{TH} \end{array} \right]$$

$$No6 = \left[ \begin{array}{lll} y = -2 \cos\left(\frac{x}{3}\right) & y = -\frac{5}{2} \sin(2 \pi x) + 2 & y = 3 \sin(2 x) + 3 \\ y = -\frac{1}{2} \sin(2 \pi x) & y = \cos(x) + 2 & \frac{MA}{TH} \end{array} \right]$$



[illegible]

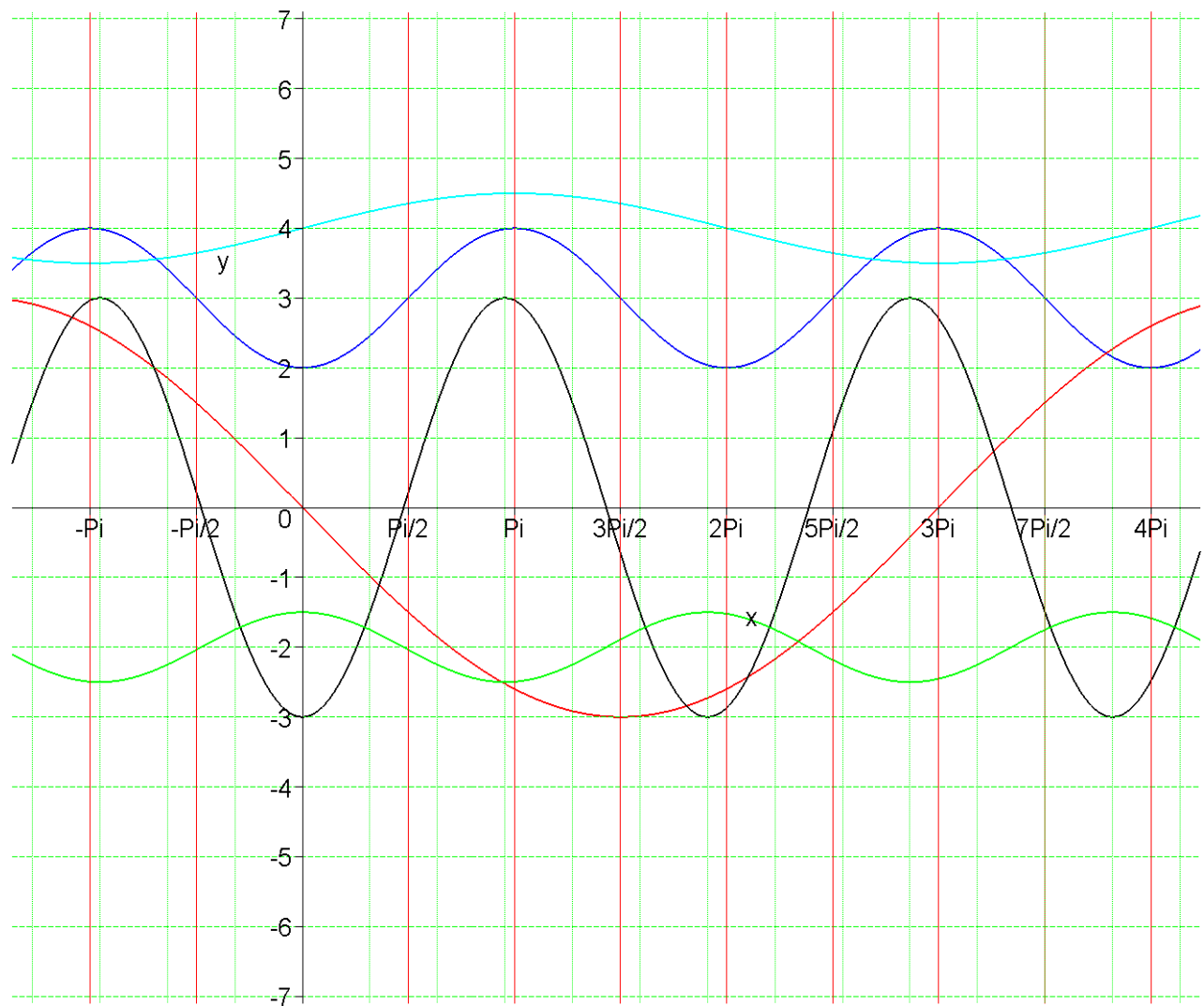
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TrigonometryExercise for No.645118

$$No1 = \left( \cos(A) = \frac{3}{4} \right), No2 = \left( \csc(A) = \frac{6}{5} \right), No3 = \left( \tan(A) = \frac{3}{x} \right), No4 = \left( \cot(A) = \frac{x}{4} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 4 \cos(\theta)) & .3 = (y = \sin(5 \theta)) \\ .4 = (y = -2 \cos(4 \theta)) & .5 = \left(y = \frac{1}{5} \cos(4 \theta)\right) & .6 = \left(y = -5 \sin\left(\frac{\theta}{2}\right) - 4\right) \\ .7 = \left(y = -\frac{1}{4} \cos\left(\frac{\pi \theta}{3}\right)\right) & .8 = (y = -6 \sin(4 \pi \theta) + 4) & \frac{MA}{TH} \end{bmatrix}$$

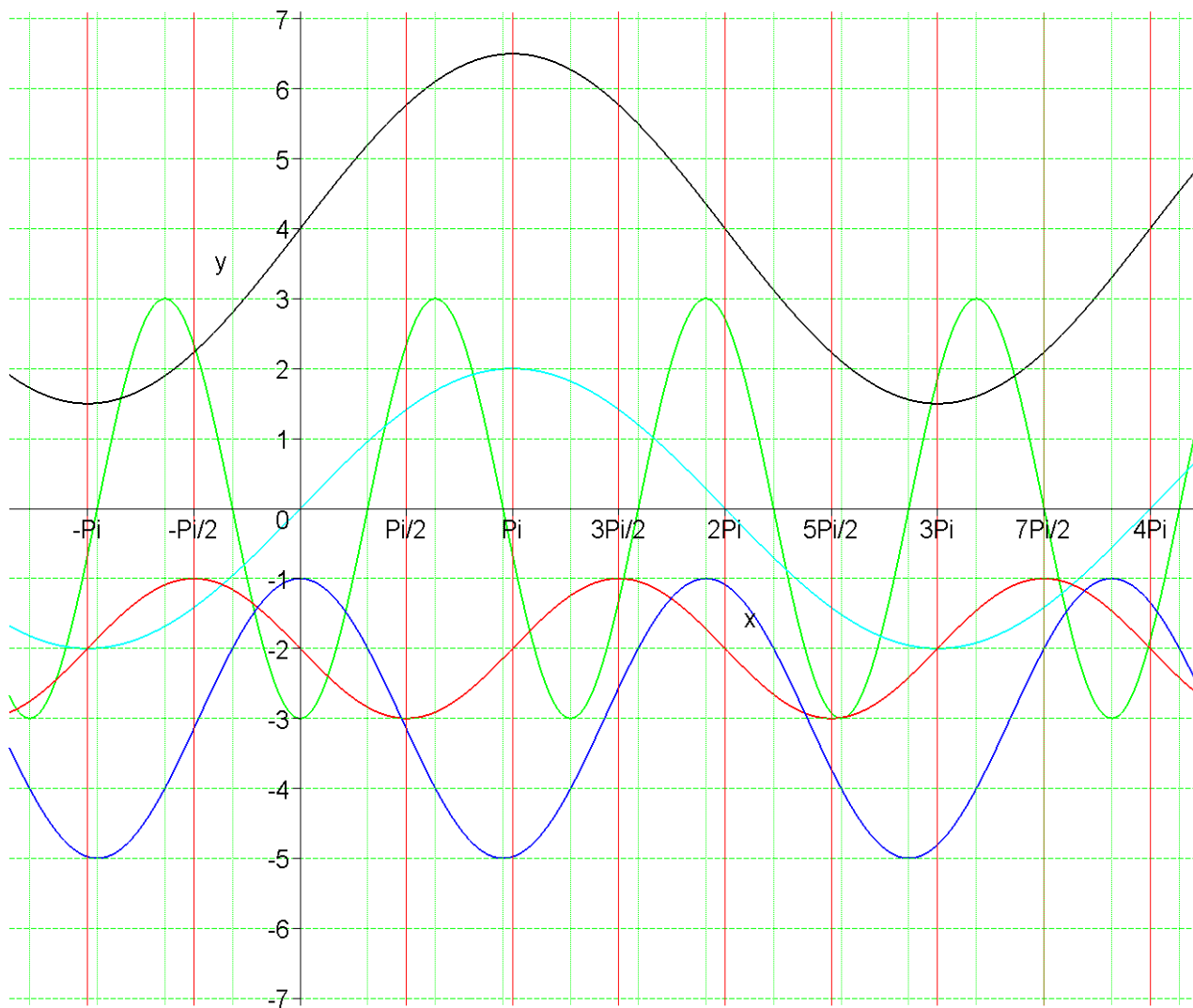
$$No6 = \begin{bmatrix} y = \frac{1}{2} \cos\left(\frac{\pi x}{3}\right) - 2 & y = \frac{1}{2} \sin\left(\frac{x}{2}\right) + 4 & y = -3 \cos\left(\frac{\pi x}{3}\right) \\ y = -3 \sin\left(\frac{x}{3}\right) & y = -\cos(x) + 3 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \cos(A) = \frac{3}{8} \right), No2 = \left( \cot(A) = \frac{6}{5} \right), No3 = \left( \sin(A) = \frac{5}{x} \right), No4 = \left( \csc(A) = \frac{x}{4} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 3 \sin(\theta)) & .3 = (y = \cos(5 \theta)) \\ .4 = (y = 5 \cos(6 \theta)) & .5 = \left(y = \frac{1}{4} \cos(3 \theta)\right) & .6 = \left(y = 5 \sin\left(\frac{\theta}{3}\right) + 2\right) \\ .7 = (y = -4 \sin(5 \pi \theta)) & .8 = \left(y = -\frac{1}{2} \sin\left(\frac{\pi \theta}{6}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

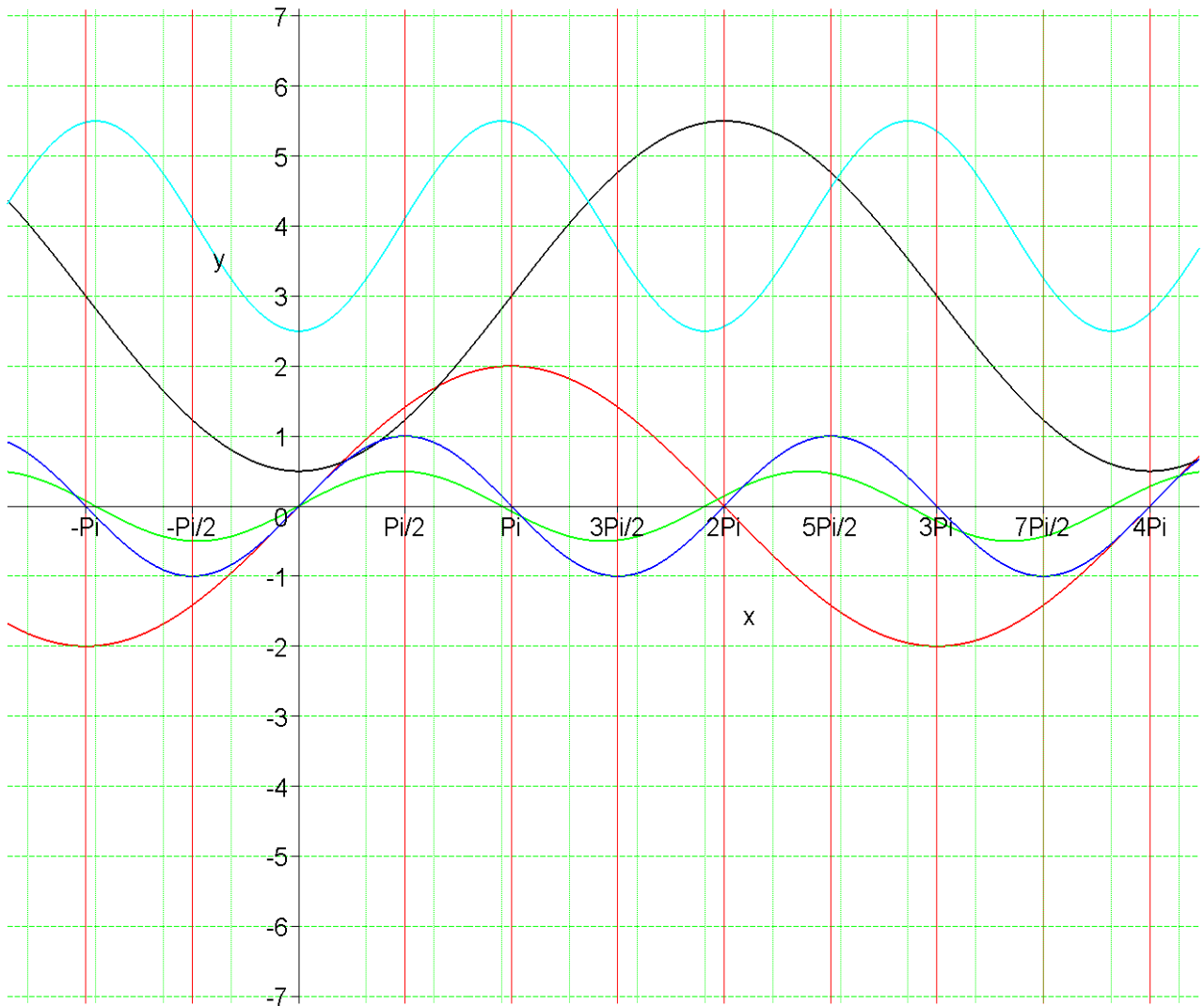
$$No6 = \begin{bmatrix} y = 2 \cos\left(\frac{\pi x}{3}\right) - 3 & y = -\sin(x) - 2 & y = \frac{5}{2} \sin\left(\frac{x}{2}\right) + 4 \\ y = 2 \sin\left(\frac{x}{2}\right) & y = -3 \cos\left(\frac{\pi x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \tan(A) = \frac{3}{2} \right), No2 = \left( \csc(A) = \frac{8}{3} \right), No3 = \left( \cos(A) = \frac{5}{x} \right), No4 = \left( \sec(A) = \frac{4}{x} \right)$$

$$No5 = \left[ \begin{array}{ccc} .1 = (y = \cos(\theta)) & .2 = (y = 3 \sin(\theta)) & .3 = (y = \cos(2 \theta)) \\ .4 = (y = 2 \cos(5 \theta)) & .5 = \left( y = 6 \sin\left(\frac{\theta}{3}\right) \right) & .6 = \left( y = -\frac{1}{3} \cos(2 \theta) + 2 \right) \\ .7 = \left( y = -\frac{1}{4} \sin\left(\frac{\pi \theta}{2}\right) \right) & .8 = (y = -2 \cos(6 \pi \theta) + 2) & \frac{MA}{TH} \end{array} \right]$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \cos\left(\frac{\pi x}{3}\right) + 4 & y = \sin(x) & y = -\frac{5}{2} \cos\left(\frac{x}{2}\right) + 3 \\ y = \frac{1}{2} \sin\left(\frac{\pi x}{3}\right) & y = 2 \sin\left(\frac{x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$

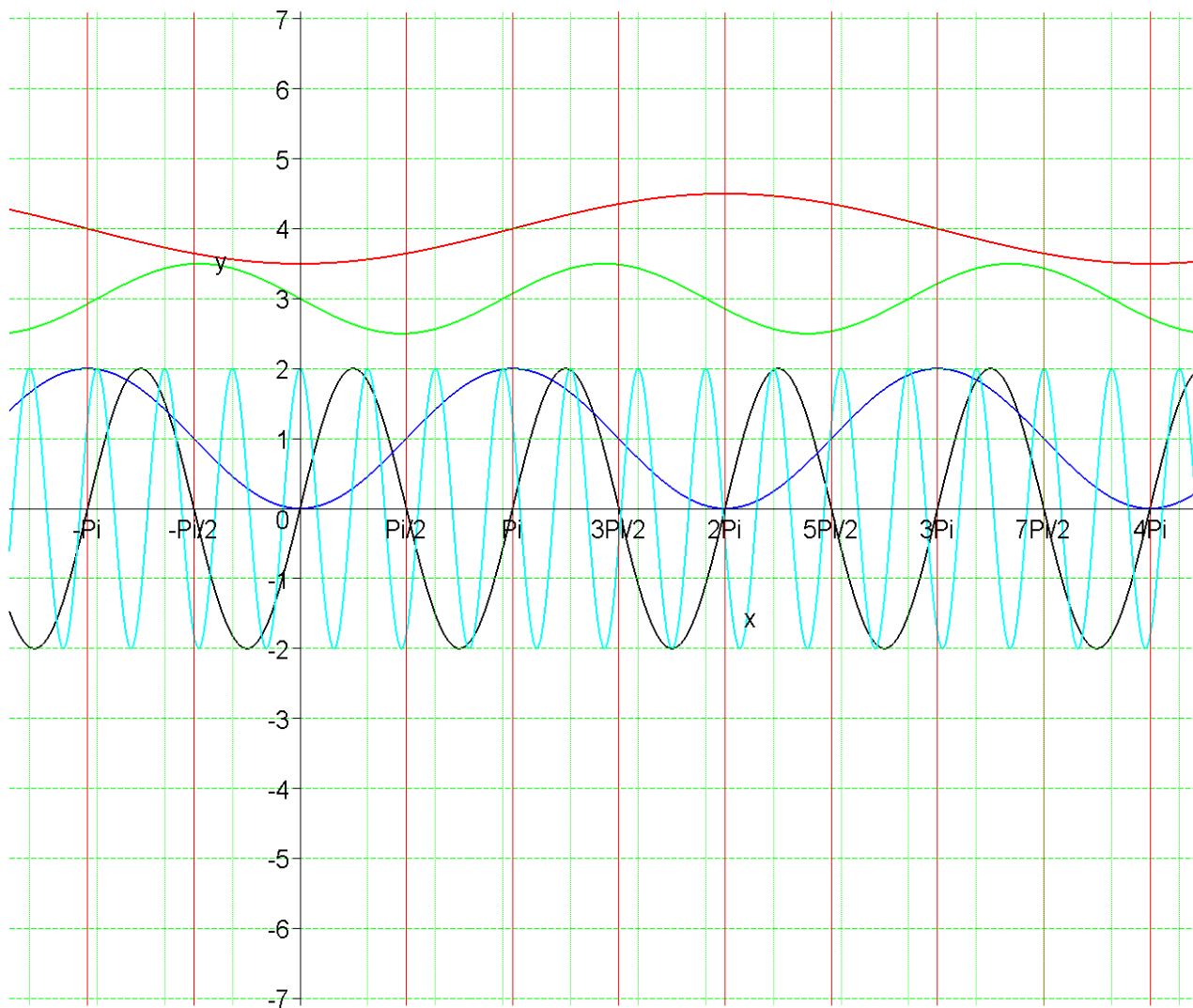


TrigonometryExercise for No.645121

$$No1 = \left( \cos(A) = \frac{4}{7} \right), No2 = \left( \cot(A) = \frac{7}{4} \right), No3 = \left( \sin(A) = \frac{x}{5} \right), No4 = \left( \csc(A) = \frac{1}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 3 \sin(\theta)) & .3 = (y = \cos(6 \theta)) \\ .4 = (y = 4 \cos(6 \theta)) & .5 = \left(y = -\frac{1}{4} \sin(3 \theta)\right) & .6 = \left(y = -3 \sin\left(\frac{\theta}{2}\right) - 4\right) \\ .7 = \left(y = -\frac{1}{3} \cos\left(\frac{\pi \theta}{6}\right)\right) & .8 = (y = -4 \sin(2 \pi \theta) + 5) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = 2 \cos(2 \pi x) & y = -\cos(x) + 1 & y = -\frac{1}{2} \cos\left(\frac{x}{2}\right) + 4 \\ y = -\frac{1}{2} \sin\left(\frac{\pi x}{3}\right) + 3 & y = 2 \sin(2 x) & \frac{MA}{TH} \end{bmatrix}$$

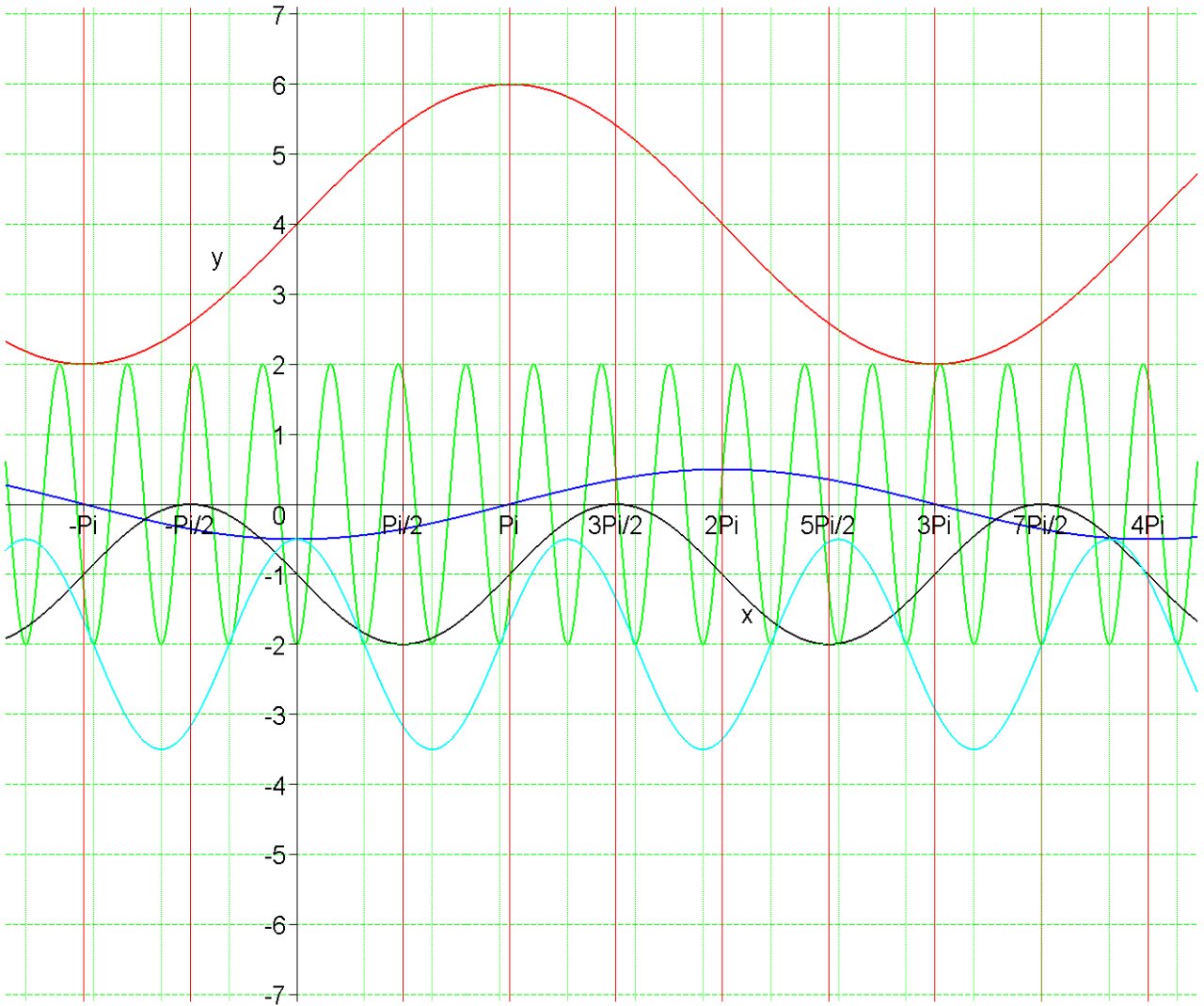


TrigonometryExercise for No.645122

$$No1 = \left( \cos(A) = \frac{7}{8} \right), No2 = \left( \sec(A) = \frac{7}{2} \right), No3 = \left( \tan(A) = \frac{3}{x} \right), No4 = (\cot(A) = x)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -3 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = -4 \cos(2 \theta)) & .5 = \left(y = \frac{1}{6} \sin(3 \theta)\right) & .6 = \left(y = -6 \sin\left(\frac{\theta}{5}\right) - 3\right) \\ .7 = \left(y = -\frac{1}{6} \sin\left(\frac{\pi \theta}{5}\right)\right) & .8 = (y = -3 \sin(6 \pi \theta) + 5) & \frac{MA}{TH} \end{bmatrix}$$

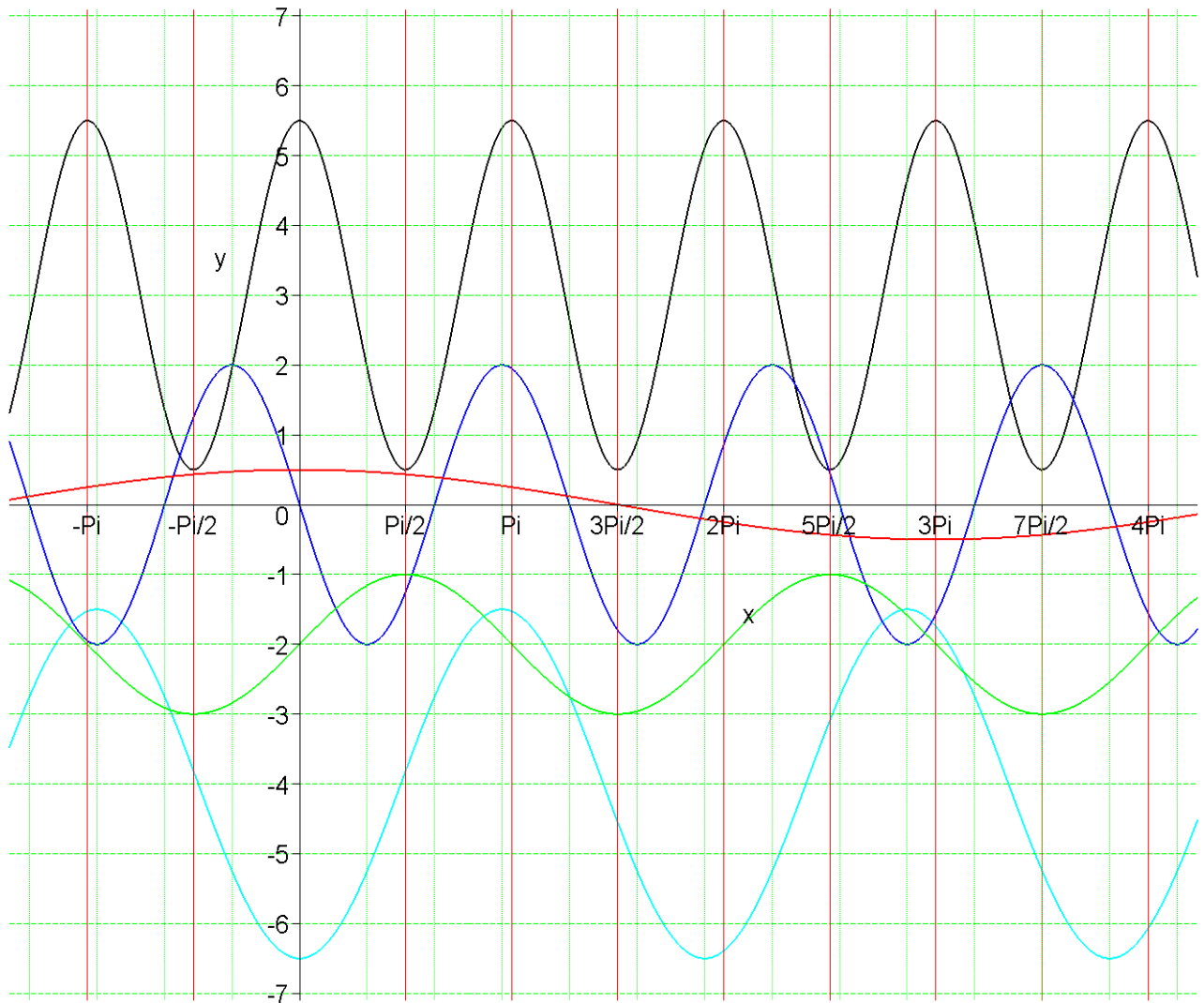
$$No6 = \begin{bmatrix} y = \frac{3}{2} \cos\left(\frac{\pi x}{2}\right) - 2 & y = 2 \sin\left(\frac{x}{2}\right) + 4 & y = -\sin(x) - 1 \\ y = -\frac{1}{2} \cos\left(\frac{x}{2}\right) & y = -2 \cos(2\pi x) & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \cos(A) = \frac{3}{4} \right), No2 = \left( \cot(A) = \frac{5}{7} \right), No3 = \left( \sin(A) = \frac{6}{x} \right), No4 = \left( \sec(A) = \frac{x}{5} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = -2 \cos(\theta)) & .3 = (y = \cos(2 \theta)) \\ .4 = (y = 2 \sin(3 \theta)) & .5 = \left(y = -\frac{1}{3} \cos(6 \theta)\right) & .6 = \left(y = -6 \sin\left(\frac{\theta}{4}\right) + 4\right) \\ .7 = (y = -4 \cos(5 \pi \theta)) & .8 = \left(y = -\frac{1}{3} \cos\left(\frac{\pi \theta}{6}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \sin(x) - 2 & y = \frac{1}{2} \cos\left(\frac{x}{3}\right) & y = -2 \sin\left(\frac{\pi x}{2}\right) \\ y = \frac{5}{2} \cos(2x) + 3 & y = -\frac{5}{2} \cos\left(\frac{\pi x}{3}\right) - 4 & \frac{MA}{TH} \end{bmatrix}$$





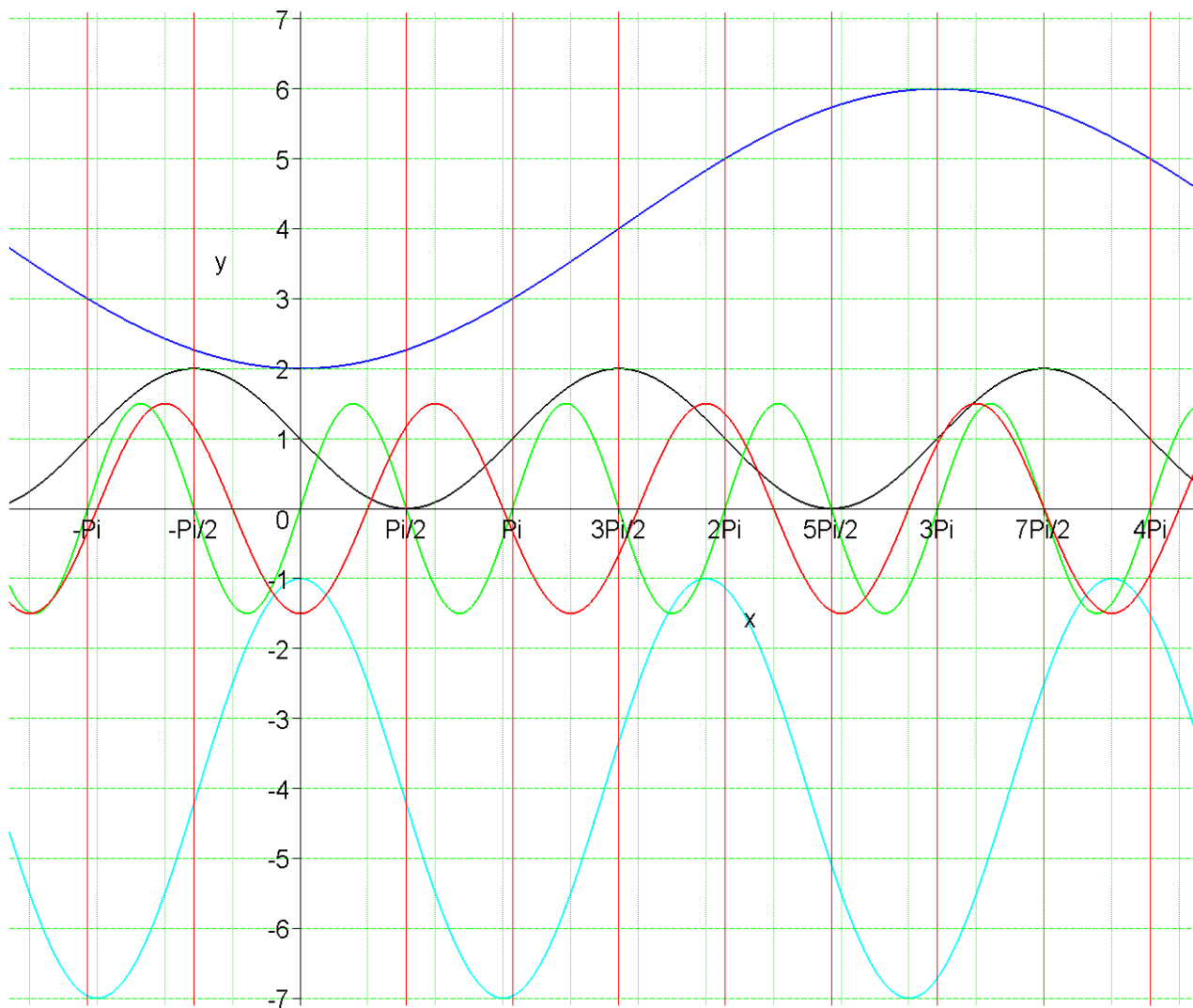


TrigonometryExercise for No.645125

$$No1 = \left( \tan(A) = \frac{5}{3} \right), No2 = \left( \cot(A) = \frac{5}{2} \right), No3 = \left( \cos(A) = \frac{1}{x} \right), No4 = \left( \csc(A) = \frac{7}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 4 \sin(\theta)) & .3 = (y = \sin(3 \theta)) \\ .4 = (y = 6 \sin(3 \theta)) & .5 = \left(y = -\frac{1}{3} \cos(6 \theta)\right) & .6 = \left(y = 5 \sin\left(\frac{\theta}{2}\right) - 3\right) \\ .7 = \left(y = -\frac{1}{4} \cos(5 \pi \theta)\right) & .8 = \left(y = -3 \cos\left(\frac{\pi \theta}{5}\right) - 5\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = -\frac{3}{2} \cos\left(\frac{\pi x}{2}\right) & y = \frac{3}{2} \sin(2x) & y = -\sin(x) + 1 \\ y = 3 \cos\left(\frac{\pi x}{3}\right) - 4 & y = -2 \cos\left(\frac{x}{3}\right) + 4 & \frac{MA}{TH} \end{bmatrix}$$

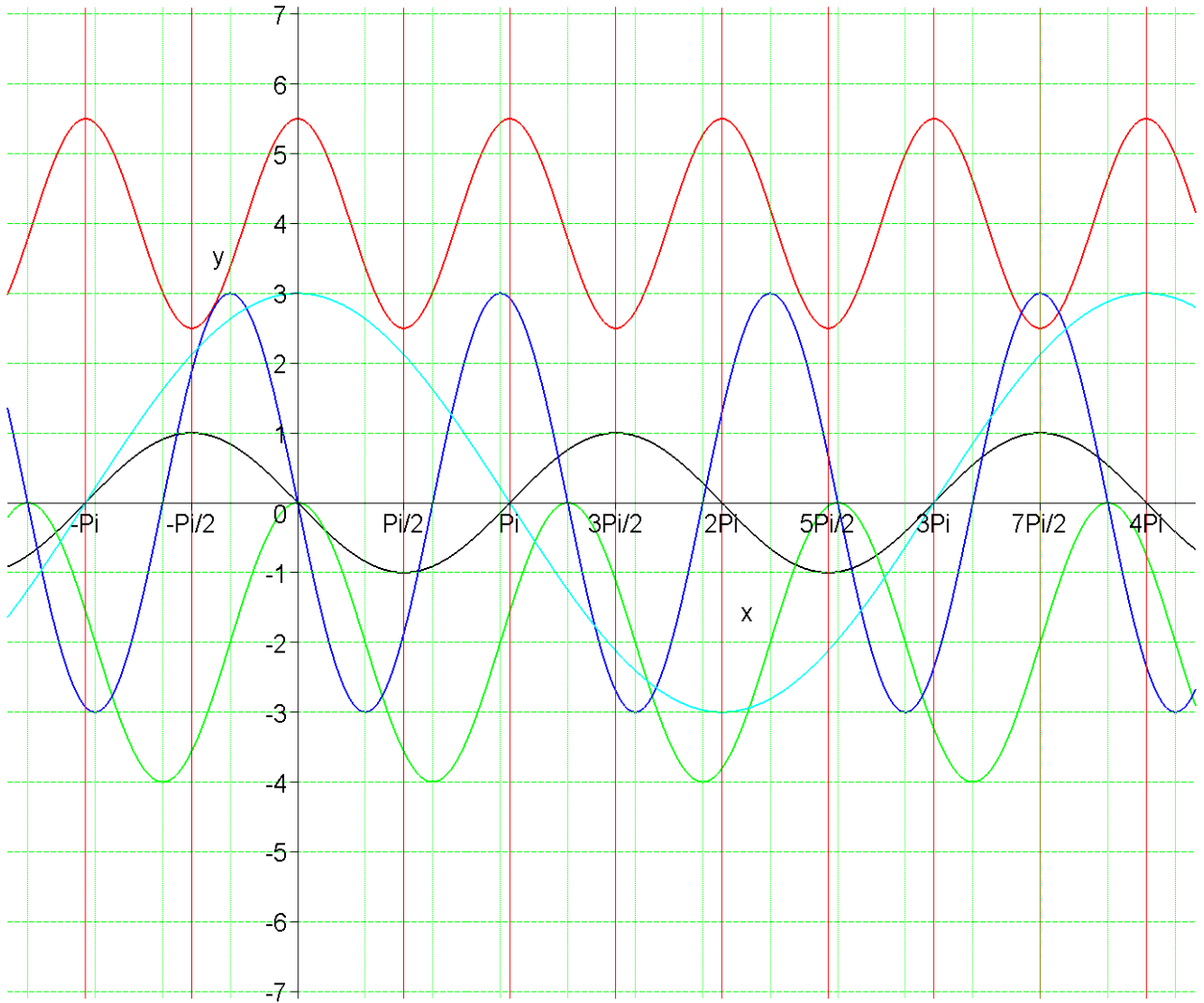




$$No1 = \left( \cos(A) = \frac{4}{5} \right), No2 = \left( \cot(A) = \frac{8}{3} \right), No3 = \left( \tan(A) = \frac{2}{x} \right), No4 = \left( \sec(A) = \frac{5}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = -3 \sin(\theta)) & .3 = (y = \sin(6 \theta)) \\ .4 = (y = 6 \sin(5 \theta)) & .5 = \left(y = \frac{1}{2} \sin(3 \theta)\right) & .6 = \left(y = -5 \sin\left(\frac{\theta}{3}\right) + 5\right) \\ .7 = \left(y = -\frac{1}{4} \cos(3 \pi \theta)\right) & .8 = \left(y = -3 \sin\left(\frac{\pi \theta}{2}\right) + 1\right) & \frac{MA}{TH} \end{bmatrix}$$

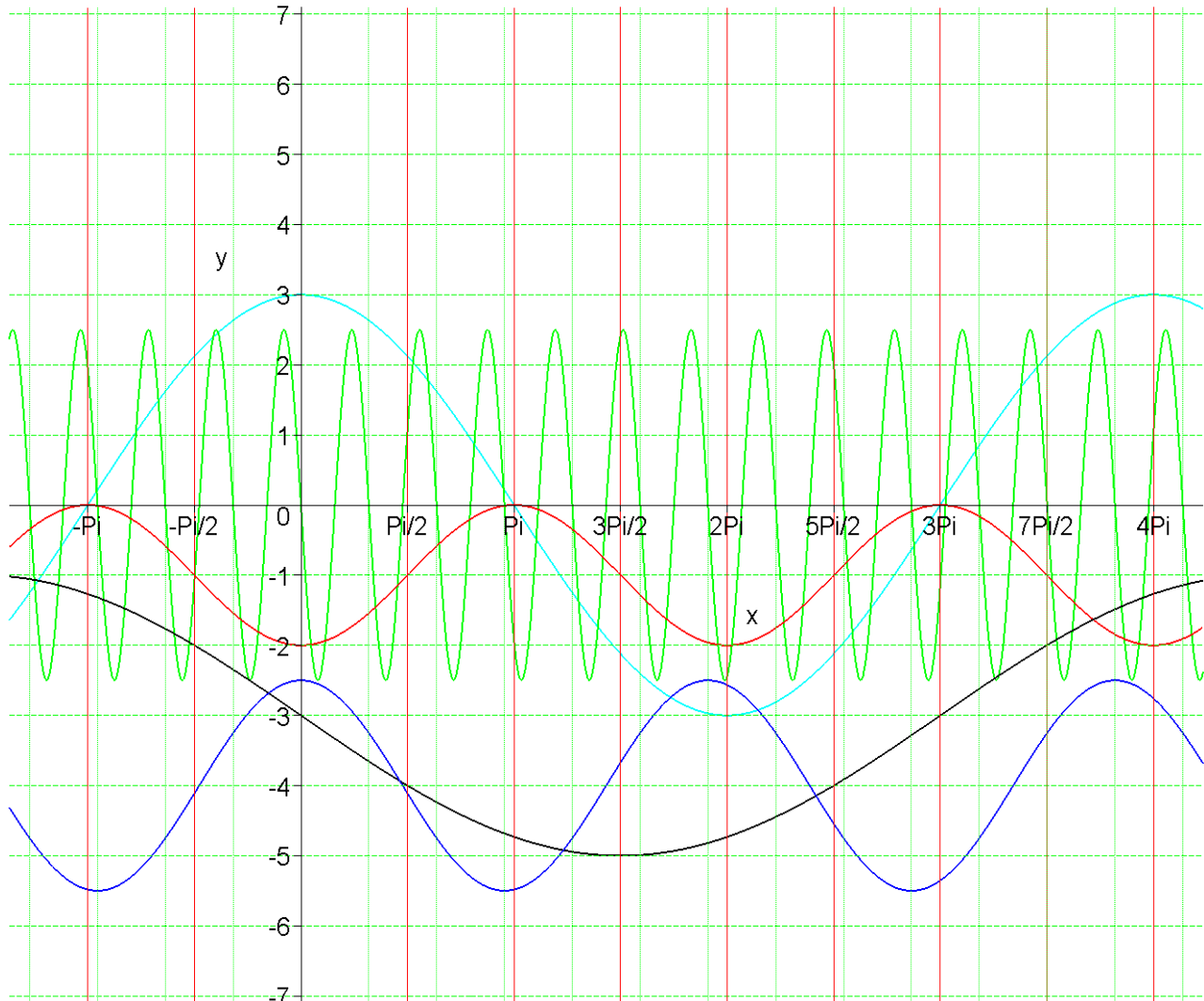
$$No6 = \begin{bmatrix} y = 3 \cos\left(\frac{x}{2}\right) & y = -3 \sin\left(\frac{\pi x}{2}\right) & y = 2 \cos\left(\frac{\pi x}{2}\right) - 2 \\ y = -\sin(x) & y = \frac{3}{2} \cos(2x) + 4 & \frac{MA}{TH} \end{bmatrix}$$



$$No1 = \left( \sin(A) = \frac{2}{3} \right), No2 = \left( \csc(A) = \frac{7}{2} \right), No3 = \left( \cos(A) = \frac{5}{x} \right), No4 = \left( \sec(A) = \frac{x}{5} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \sin(\theta)) & .2 = (y = 3 \cos(\theta)) & .3 = (y = \sin(4 \theta)) \\ .4 = (y = -2 \sin(6 \theta)) & .5 = \left(y = 4 \cos\left(\frac{\theta}{6}\right)\right) & .6 = \left(y = \frac{1}{4} \cos(3 \theta) + 5\right) \\ .7 = (y = -3 \sin(5 \pi \theta)) & .8 = \left(y = -\frac{1}{2} \cos\left(\frac{\pi \theta}{3}\right) - 2\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \frac{3}{2} \cos\left(\frac{\pi x}{3}\right) - 4 & y = -2 \sin\left(\frac{x}{3}\right) - 3 & y = -\cos(x) - 1 \\ y = -\frac{5}{2} \sin(2 \pi x) & y = 3 \cos\left(\frac{x}{2}\right) & \frac{MA}{TH} \end{bmatrix}$$



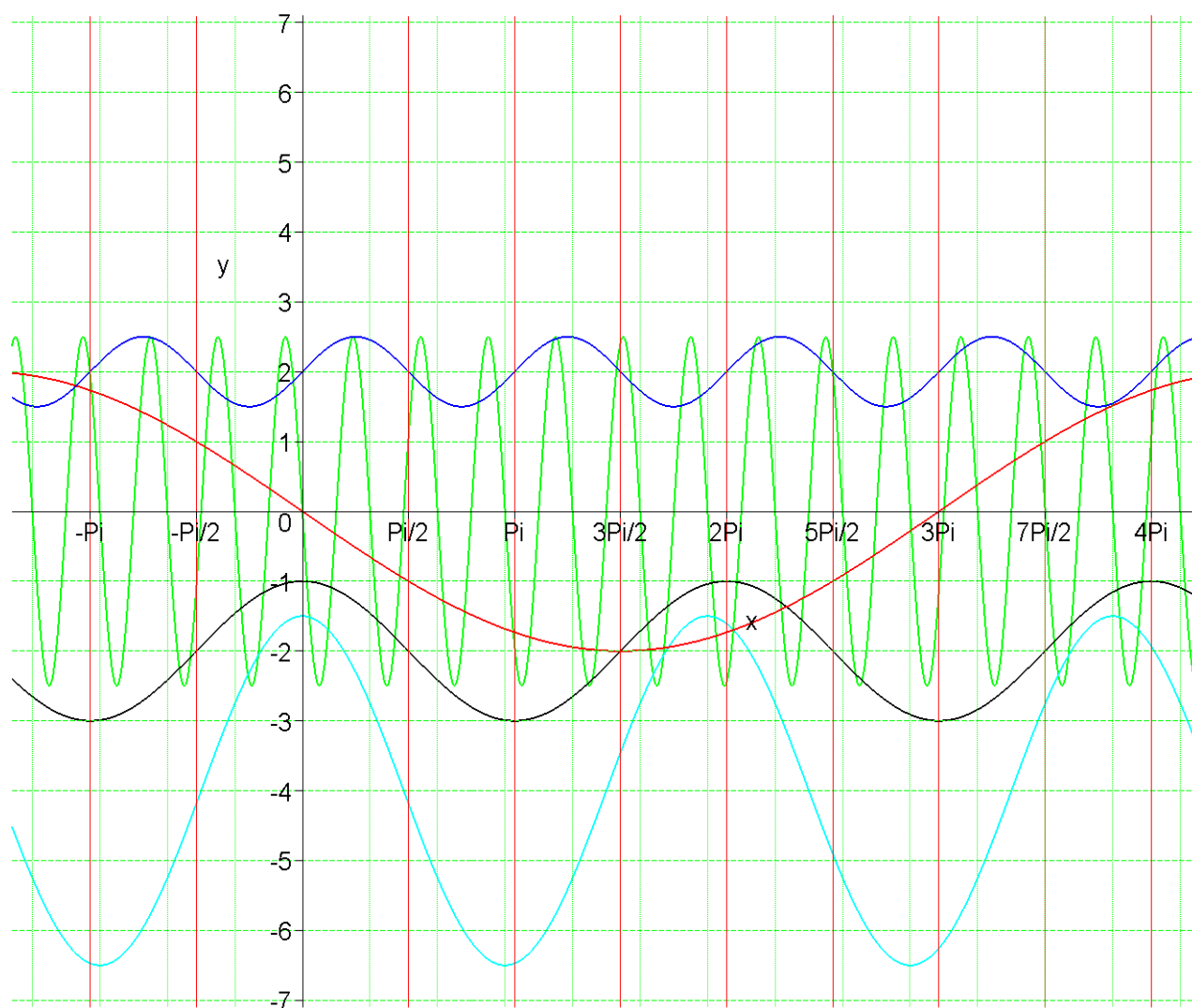


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TrigonometryExercise for No.645130

$$No1 = \left( \cos(A) = \frac{4}{5} \right), No2 = \left( \sec(A) = \frac{9}{5} \right), No3 = \left( \sin(A) = \frac{x}{3} \right), No4 = \left( \csc(A) = \frac{5}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(\theta)) & .2 = (y = 6 \sin(\theta)) & .3 = (y = \sin(4 \theta)) \\ .4 = (y = 5 \sin(3 \theta)) & .5 = \left(y = -\frac{1}{4} \cos(3 \theta)\right) & .6 = \left(y = 4 \sin\left(\frac{\theta}{3}\right) - 2\right) \\ .7 = \left(y = -\frac{1}{4} \cos(2 \pi \theta)\right) & .8 = \left(y = -6 \cos\left(\frac{\pi \theta}{3}\right) + 3\right) & \frac{MA}{TH} \end{bmatrix}$$

$$No6 = \begin{bmatrix} y = \frac{1}{2} \sin(2x) + 2 & y = -2 \sin\left(\frac{x}{3}\right) & y = \cos(x) - 2 \\ y = \frac{5}{2} \cos\left(\frac{\pi x}{3}\right) - 4 & y = -\frac{5}{2} \sin(2\pi x) & \frac{MA}{TH} \end{bmatrix}$$



[illegible]