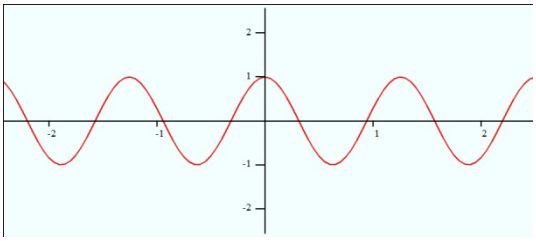
Name: _____ Date _____

Topic: *Graphs Dealing with Sine and Cosine - Worksheet 1*

Determine the equation for each graph.

1.



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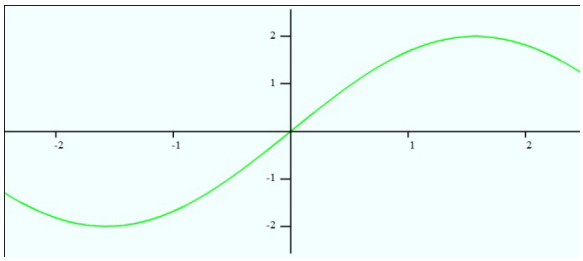

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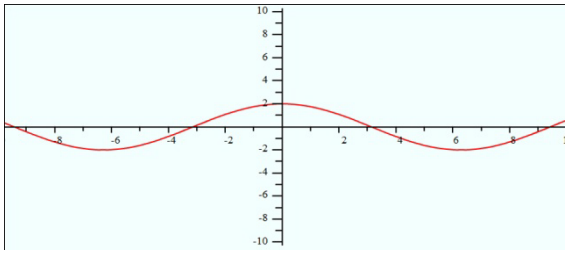

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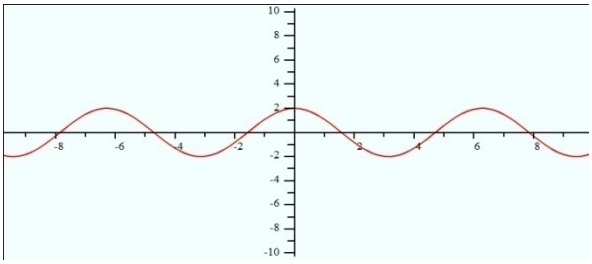


5. On, the same set of axes from 0 to 2À, graph y = Cos(1/2x) and y = sin(1/2x)

6. On, the same set of axes from 0 to 4À,graph y = cos(2x) and y =sin(2x). Where on the graph does the graph reach its maximum value(s)?

7. On, the same set of axes from 0 to 2À, graph y = -2cos(4x). State the amplitude

8. On, the same set of axes from 0 to 2À, graph
y = cos(3x) and
y = sin(4x)+1. State the frequency

9. On, the same set of axes from 0 to 2À, graph y = cos(2x)+2 and y = -2sin(4x)+1

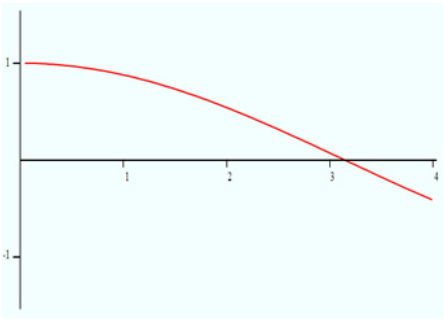
10. On, the same set of axes from 0 to 2À,graph y =3sin(2x) and y = 2cos (3x)

Name: _____ Date _____

Topic: *Graphs Dealing with Sine and Cosine - Worksheet 2*

Determine the equation for each graph.

1.



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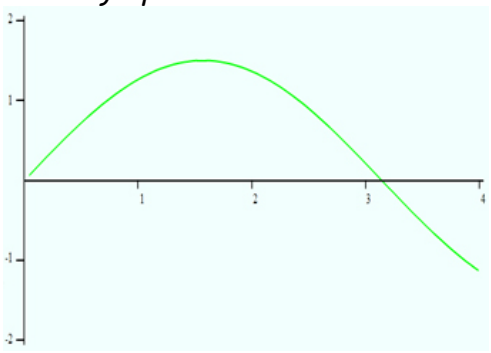

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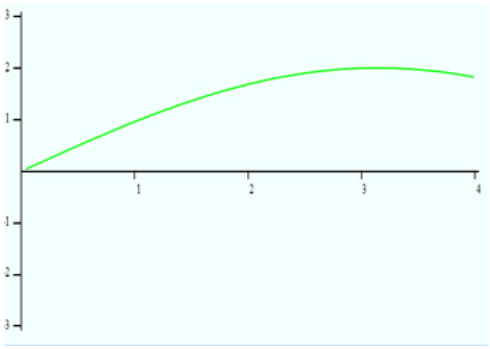

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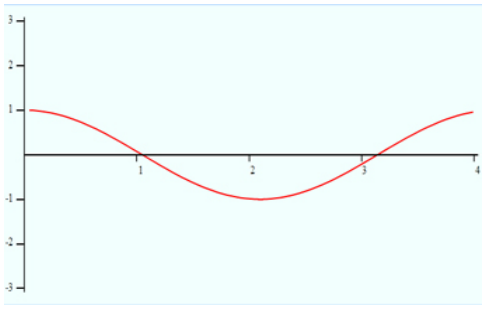


5. On, the same set of axes from 0 to 2À, graph y = 3/2Cos(x) and y = sin(1/2x)

6. On, the same set of axes from 0 to 2À,graph y = cos(3/2x) and y =sin(1/2x). Where on the graph does the graph reach its maximum value(s)?

7. On, the same set of axes from 0 to 2À, graph y = 2cos(1/2x). State the amplitude

8. On, the same set of axes from 0 to 2À, graph
y = 3cos(1/2x) and
y = sin(x)+2. State the frequency

9. On, the same set of axes from 0 to 2À, graph y = cos(1/2x)+1 and y = sin(x)+1

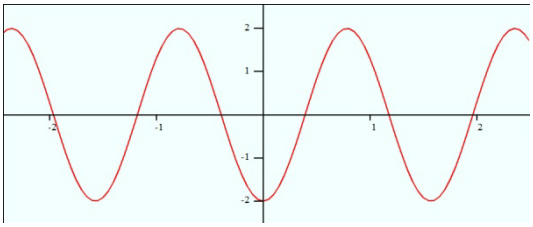
10. On, the same set of axes from 0 to 4À,graph y =1/2sin(x) and y = 3/2cos (2x)

Name: _____ Date _____

Topic: *Graphs Dealing with Sine and Cosine – Worksheet-3*

Determine the equation for each graph.

1.



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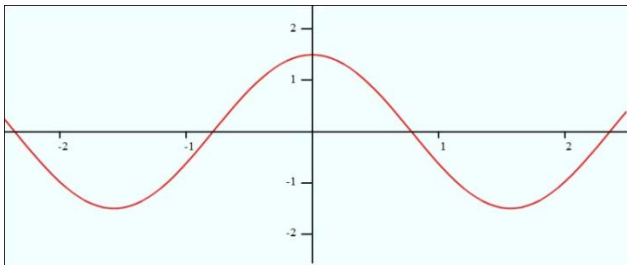

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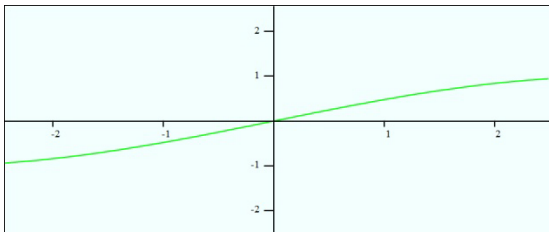

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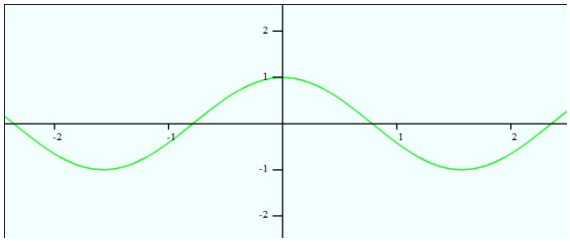


5. On, the same set of axes from 0 to 2À, graph y = Cos(6x) and y = sin(2x)

6. On, the same set of axes from 0 to 2À, graph y = 1/2cos(2x) and y =-3sin(x)+1. Where on the graph does the graph reach its maximum value(s)?

7. On, the same set of axes from 0 to 2À, graph y = 3sin(5x). State the amplitude

8. On, the same set of axes from 0 to 2À, graph
y = -1cos(2x) and
y = 1/2sin(x). State the frequency

9. On, the same set of axes from 0 to 2À, graph y = -1/2cos(1/2x)+1 and y = 2sin(x)+2

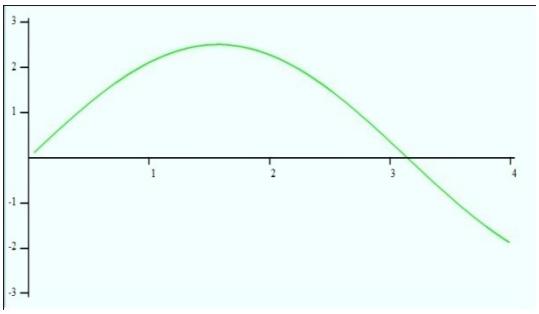
10. On, the same set of axes from 0 to 4À, graph y =5sin(x) and y = 5/2cos (2x)

Name: _____ Date _____

Topic: *Graphs Dealing with Sine and Cosine – Worksheet-4*

Determine the equation for each graph.

1.



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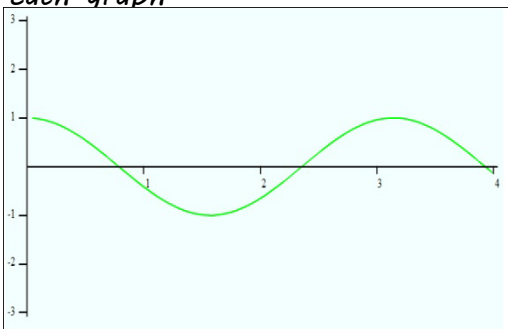

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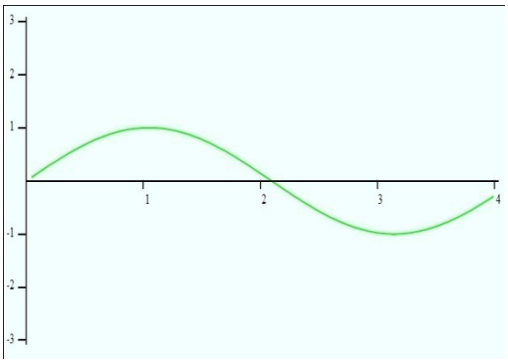

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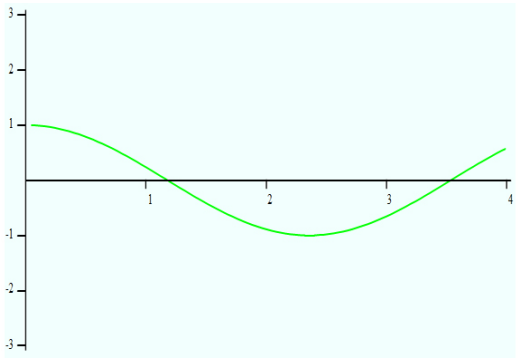


5. On, the same set of axes from 0 to 2À, graph y = 1/2Cos(5x) and y = 3/2sin(x)

6. On, the same set of axes from 0 to 2À,graph y = 2cos(3/2x) and y =-2sin(1/2x)+1. Where on the graph does the graph reach its maximum value(s)?

7. On, the same set of axes from 0 to 2À, graph y = 1/2sin(x). State the amplitude

8. On, the same set of axes from 0 to 2À, graph
y = cos(x) and
y = -5/2sin(x). State the frequency

9. On, the same set of axes from 0 to 2À, graph y = 2cos(x)+1 and y = sin(3x)+1

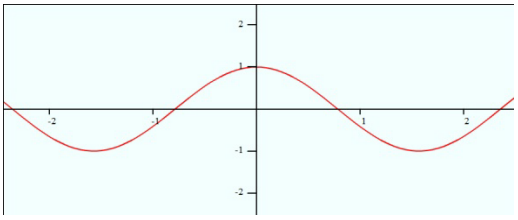
10. On, the same set of axes from 0 to 4À,graph y =3sin(x) and y = cos (2x)

Name: _____ Date _____

Topic: *Graphs Dealing with Sine and Cosine – Worksheet-5*

Determine the equation for each graph.

1.



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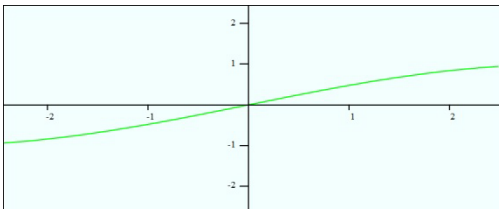

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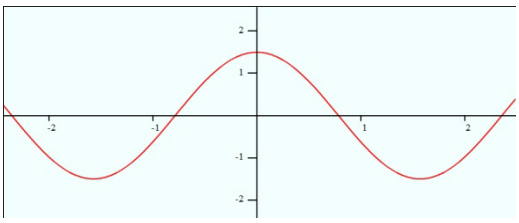

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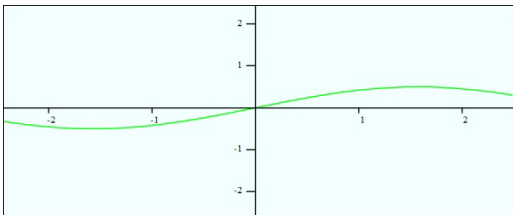

5. On, the same set of axes from 0 to 2À, graph
y = -1cos(2x) and
y = 1/2sin(x). State the frequency

6. On, the same set of axes from 0 to 2À, graph y = -1/2cos(1/2x)+1 and y = 2sin(x)+2

7. On, the same set of axes from 0 to 4À,graph y =5sin(x) and y = 5/2cos (2x)

8. On, the same set of axes from 0 to 2À, graph y = Cos(6x) and y = sin(2x)

9. On, the same set of axes from 0 to 2À,graph y = 1/2cos(2x) and y = -3sin(x)+1. Where on the graph does the graph reach its maximum value(s)?

10. On, the same set of axes from 0 to 2À, graph y = 3sin(5x). State the amplitude