

Further Trigonometry Bingo

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Safety First!

Before you print all your bingo cards, please print a test page to check they come out the right size and color. Your bingo cards start on Page 3 of this PDF.

If your bingo cards have words then please check the spelling carefully.

If you need to make any changes go to mfbc.us/e/zpg752d

Play

Once you've checked they are printing correctly, print off your bingo cards and start playing! On the next page you will find the "Bingo Caller's Card" - this is used to call the bingo and keep track of which words have been called. Your bingo cards start on Page 3.

Virtual Bingo

Please do not try to split this PDF into individual bingo cards to send out to players. We have tools on our site to send out links to individual bingo cards. For help go to myfreebingocards.com/virtual-bingo.

Help

If you're having trouble printing your bingo cards or using the bingo card generator then please go to <https://myfreebingocards.com/fag> where you will find solutions to most common problems.

Share

[Pin these bingo cards](#) on Pinterest, [share on Facebook](#), or post this link: mfbc.us/s/zpg752d

Edit and Create

To add more words or make changes to this set of bingo cards go to mfbc.us/e/zpg752d

Go to myfreebingocards.com/bingo-card-generator to create a new set of bingo cards.

Legal

The terms of use for these printable bingo cards can be found at myfreebingocards.com/terms.

Have Fun!

If you have any feedback or suggestions, drop us an email on hello@myfreebingocards.com.

Bingo Caller's Card

Use your Bingo Caller's Card to call the bingo and keep track of which words you have already called.

Print two copies of the caller's card. Cut one copy up, fold the squares in half, and put them in a hat. To call the bingo, pull a square out of the hat, unfold it and read it out.

When you have called a word/number, tick it off on the second copy of the caller's card. You can use the second copy of the caller's card to check if a player has a winning card during a game.

Function	Translation	Stretch	Inside	Outside	Left	Right
x axis	y axis	Origin	Amplitude	Co- ordinate	Column Vector	Ratio
Angle	Half	Period	Sine	Cosine	Tangent	Parallel
Intercept	Reflection	Graph	Circle	Degrees	Transformation	Sketch
Asymptote	Scale Factor					

Further Trigonometry

Ratio	Asymptote	Transformation	Intercept	Column Vector
Outside	Translation	Half	Reflection	Parallel
Origin	y axis	Right	Co-ordinate	x axis
Angle	Cosine	Sine	Sketch	Function
Inside	Tangent	Stretch	Amplitude	Degrees

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Further Trigonometry

Reflection	Left	Tangent	Parallel	Ratio
Function	Half	Cosine	Translation	Period
Right	Column Vector	Sketch	y axis	Transformation
x axis	Circle	Graph	Inside	Angle
Co-ordinate	Asymptote	Sine	Amplitude	Intercept

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Further Trigonometry

Reflection	x axis	Period	Origin	y axis
Graph	Translation	Inside	Transformation	Tangent
Scale Factor	Column Vector	Stretch	Left	Cosine
Asymptote	Sine	Angle	Ratio	Degrees
Parallel	Amplitude	Right	Function	Sketch

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Further Trigonometry

Sine	x axis	Intercept	Right	Translation
Co-ordinate	Left	Tangent	Angle	Origin
Outside	Sketch	Reflection	Period	Stretch
Cosine	Ratio	y axis	Transformation	Circle
Scale Factor	Graph	Function	Column Vector	Half

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Further Trigonometry

Sine	Co- ordinate	Intercept	Amplitude	Cosine
Translation	y axis	Reflection	Function	Angle
Scale Factor	Parallel	Stretch	Asymptote	Sketch
Inside	Half	Column Vector	Circle	Origin
Graph	x axis	Transformation	Ratio	Degrees

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Further Trigonometry

Intercept	Asymptote	x axis	Ratio	Circle
Column Vector	Stretch	y axis	Cosine	Parallel
Left	Reflection	Origin	Amplitude	Inside
Period	Translation	Outside	Tangent	Function
Right	Sine	Sketch	Half	Graph

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Further Trigonometry

Circle	Sketch	Outside	Right	x axis
Stretch	y axis	Degrees	Parallel	Reflection
Transformation	Column Vector	Inside	Half	Origin
Angle	Period	Cosine	Tangent	Intercept
Graph	Left	Amplitude	Sine	Translation

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Further Trigonometry

Ratio	Sketch	Function	Half	Amplitude
Circle	Sine	Angle	Translation	Intercept
Tangent	Co- ordinate	Period	Reflection	x axis
Origin	Transformation	Stretch	Cosine	Column Vector
Asymptote	Scale Factor	Outside	y axis	Inside

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Further Trigonometry

Function	Tangent	Left	Graph	Angle
Right	Translation	Column Vector	Co-ordinate	Inside
Intercept	Origin	Period	Ratio	Cosine
Transformation	Sketch	Parallel	Degrees	Scale Factor
y axis	Outside	Circle	Half	Reflection

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Further Trigonometry

Sine	Outside	Right	Asymptote	Circle
x axis	Tangent	Parallel	Degrees	Cosine
Angle	Translation	Transformation	Amplitude	Left
Stretch	Ratio	Reflection	Graph	Intercept
Inside	Sketch	Scale Factor	Co-ordinate	Period

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Further Trigonometry

Asymptote	Scale Factor	Angle	Ratio	Column Vector
Origin	x axis	Function	y axis	Degrees
Reflection	Intercept	Left	Stretch	Sketch
Outside	Inside	Parallel	Period	Right
Circle	Tangent	Sine	Amplitude	Cosine

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Further Trigonometry

Parallel	Degrees	Origin	Asymptote	Cosine
Graph	Left	Translation	Half	Scale Factor
Column Vector	Inside	Reflection	Angle	Stretch
Sketch	Intercept	x axis	Ratio	Sine
Transformation	Function	Circle	Amplitude	Period

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Further Trigonometry

Reflection	Function	Co-ordinate	Left	Graph
Stretch	Circle	Column Vector	Sketch	Tangent
Origin	Parallel	Right	Ratio	Cosine
Degrees	Amplitude	Outside	Angle	Sine
Half	Asymptote	Intercept	Inside	y axis

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Further Trigonometry

Graph	Co-ordinate	Stretch	x axis	Inside
Circle	Reflection	Left	Origin	Period
Half	Cosine	Scale Factor	Transformation	Amplitude
Intercept	Parallel	Outside	Angle	Sine
Right	Column Vector	Ratio	Sketch	Function

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Further Trigonometry

Degrees	Function	Intercept	Asymptote	Period
Parallel	Sine	Left	Angle	x axis
Column Vector	Origin	Translation	Co-ordinate	Right
Stretch	Half	Reflection	Ratio	y axis
Cosine	Sketch	Amplitude	Scale Factor	Tangent

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Further Trigonometry

Angle	Inside	Origin	Cosine	Sketch
Tangent	Sine	Scale Factor	y axis	x axis
Reflection	Transformation	Stretch	Left	Period
Amplitude	Outside	Intercept	Parallel	Ratio
Graph	Half	Translation	Right	Function

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Further Trigonometry

Origin	Intercept	Sketch	Stretch	Co-ordinate
Column Vector	Asymptote	Degrees	Right	Function
Graph	Left	Amplitude	Half	x axis
Inside	Parallel	Transformation	Tangent	Circle
Outside	Scale Factor	Period	Sine	Ratio

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Further Trigonometry

Inside	Asymptote	Amplitude	Reflection	Co-ordinate
Left	Ratio	Origin	Outside	Period
Sine	Intercept	Graph	Function	Half
Right	Cosine	Tangent	Transformation	Degrees
Translation	Column Vector	Circle	Sketch	Stretch

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Further Trigonometry

Tangent	Cosine	Half	Stretch	Graph
Inside	Circle	Function	Co-ordinate	x axis
Left	Outside	Period	Sketch	Transformation
Ratio	Column Vector	Parallel	Right	Degrees
Angle	Reflection	Amplitude	Intercept	Translation

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Further Trigonometry

y axis	Cosine	Right	Left	Origin
Parallel	Amplitude	Degrees	Translation	Outside
Asymptote	Intercept	Stretch	Transformation	Scale Factor
Reflection	Inside	Half	Function	Circle
Sine	Sketch	Period	Angle	Tangent

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Further Trigonometry

Right	x axis	Outside	Origin	Degrees
Ratio	Period	Intercept	Sine	Angle
Transformation	Co-ordinate	Tangent	Column Vector	Circle
Graph	Stretch	Translation	Sketch	Parallel
Amplitude	Reflection	y axis	Left	Inside

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Further Trigonometry

Inside	Amplitude	Co-ordinate	Graph	Intercept
Outside	Parallel	Asymptote	Function	Angle
Sketch	Reflection	Ratio	Scale Factor	Half
Tangent	Circle	Left	Translation	x axis
y axis	Right	Transformation	Sine	Degrees

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Further Trigonometry

Half	Graph	Amplitude	Parallel	Transformation
Circle	Right	Sketch	Period	Sine
Reflection	Function	y axis	Inside	x axis
Cosine	Degrees	Left	Tangent	Stretch
Scale Factor	Outside	Translation	Origin	Co-ordinate

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Further Trigonometry

Scale Factor	Period	Cosine	Asymptote	y axis
Half	Transformation	Origin	Outside	Intercept
Stretch	Sine	Co-ordinate	Left	Degrees
Inside	Parallel	Function	Amplitude	Circle
Tangent	Graph	Column Vector	Translation	Right

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Further Trigonometry

Period	Left	Transformation	Sine	Co-ordinate
x axis	Circle	Function	Inside	Amplitude
Graph	Translation	Sketch	Tangent	y axis
Half	Origin	Asymptote	Right	Reflection
Scale Factor	Stretch	Ratio	Column Vector	Intercept

Further Trigonometry

Amplitude	Degrees	Graph	Cosine	Reflection
Angle	Sketch	Inside	Right	Half
Tangent	Co-ordinate	Parallel	y axis	Intercept
Circle	Period	Scale Factor	Outside	Left
Stretch	Origin	Ratio	Translation	x axis

Further Trigonometry

Intercept	Sketch	Degrees	y axis	Transformation
Sine	Left	x axis	Stretch	Right
Angle	Amplitude	Scale Factor	Translation	Co-ordinate
Period	Inside	Circle	Ratio	Function
Tangent	Origin	Outside	Half	Graph

Further Trigonometry

Sketch	Ratio	Half	Parallel	Transformation
Cosine	y axis	Tangent	Sine	Scale Factor
Right	Amplitude	Translation	Origin	Period
Reflection	Circle	Asymptote	Graph	Function
Co-ordinate	Degrees	Left	Column Vector	Stretch

Further Trigonometry

y axis	Half	Asymptote	Tangent	Transformation
Scale Factor	x axis	Amplitude	Degrees	Co-ordinate
Angle	Inside	Circle	Function	Left
Translation	Origin	Stretch	Sine	Cosine
Reflection	Period	Right	Sketch	Column Vector

Further Trigonometry

Outside	Degrees	Angle	Cosine	Transformation
Right	Origin	Sine	Column Vector	Half
Sketch	Intercept	Left	Co-ordinate	Translation
Ratio	x axis	Asymptote	Inside	Reflection
Period	Graph	Circle	Amplitude	Scale Factor