

Place Value Game

Materials:

Large digits printed on paper
(print from pages 2-45 of this PDF)

How to play:

Hand out 3, 4, or 5 digit cards randomly to students.
Each student should have only one card.

Ask the students to make a specific number.

They line up in the front of the room, with the digit cards held up for the class to see.

You can check to see if they've made the correct number. Then ask place value questions about the number.



Example:



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Together, they have made the number 8,067.

Then ask questions like:

Which student has the digit in the hundreds place?

Which student's digit has the greatest value?

What would we have if we added a thousand to this number?

You can also try having the kids scramble to make the greatest possible number using the digits. (8,760)

Or the smallest possible number. (0678)

Notes:

This game can be played with numbers as large or small as you'd like.

Students often have the most difficulty with zeros in large numbers.
(example: 1,070 is harder than 1,345)

For an added challenge, hand out commas and have the students place them in the correct places.



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A cartoon superhero character with brown hair, wearing a blue suit and a red cape, flying through a blue sky with white clouds. The character is smiling and has a blue shield on his chest with the letters 'MJS' written on it.

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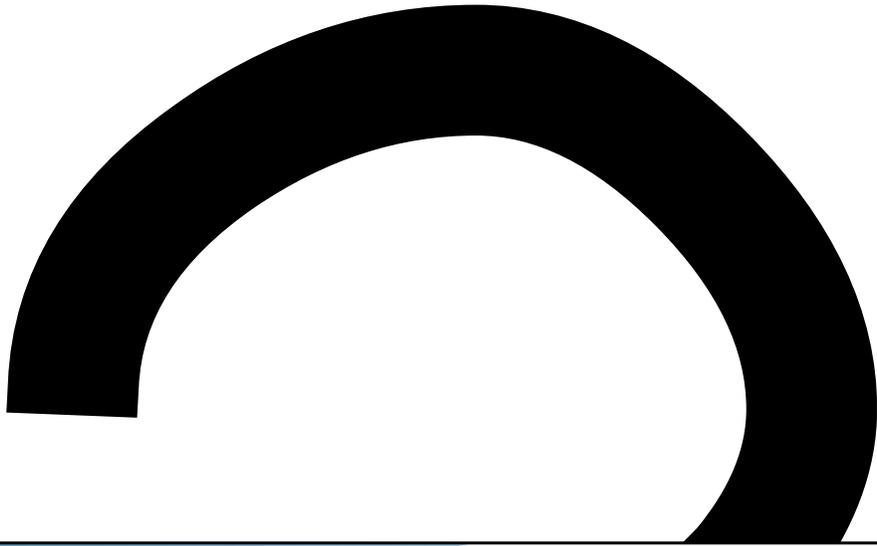


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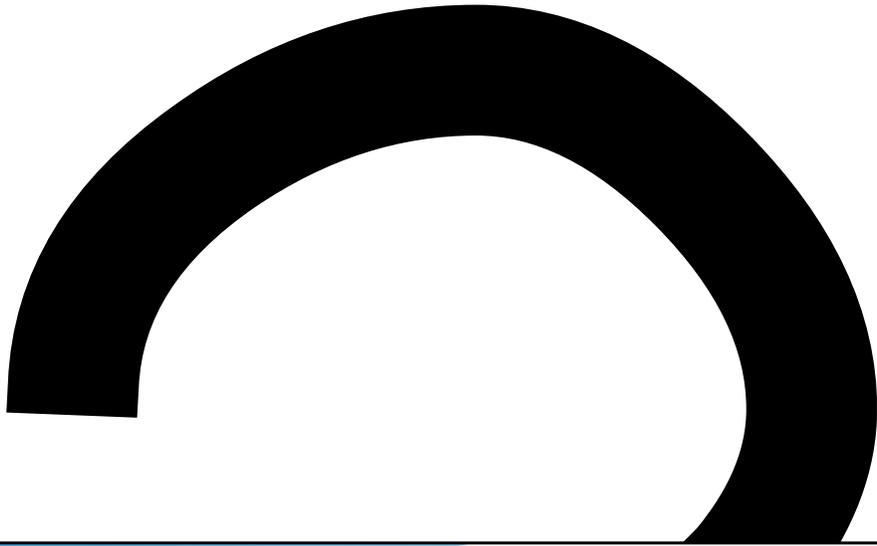
A cartoon superhero character with brown hair, wearing a blue suit and a red cape, flying through a blue sky with white clouds. The character has a shield-shaped logo on his chest with the letters 'MJS' inside. The entire scene is contained within a horizontal banner that is part of the large number '1' graphic.

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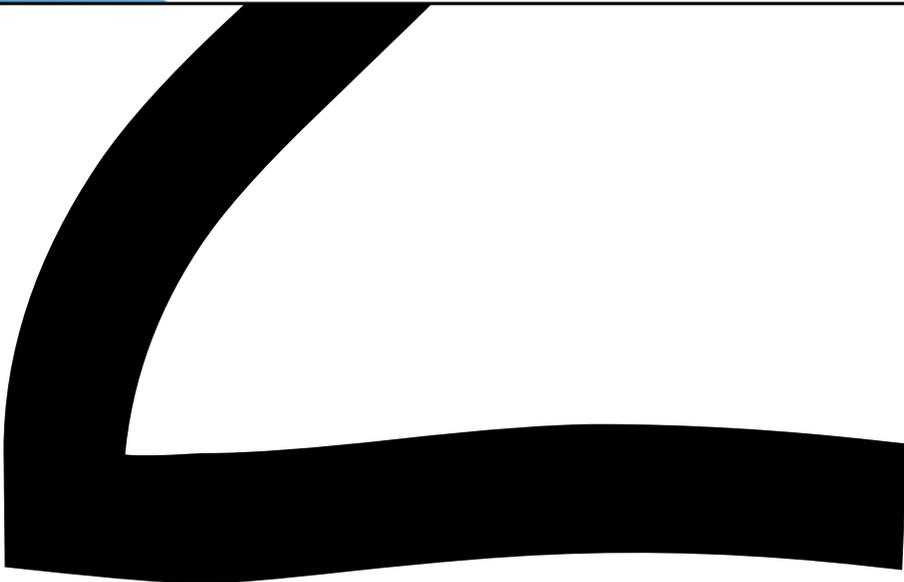


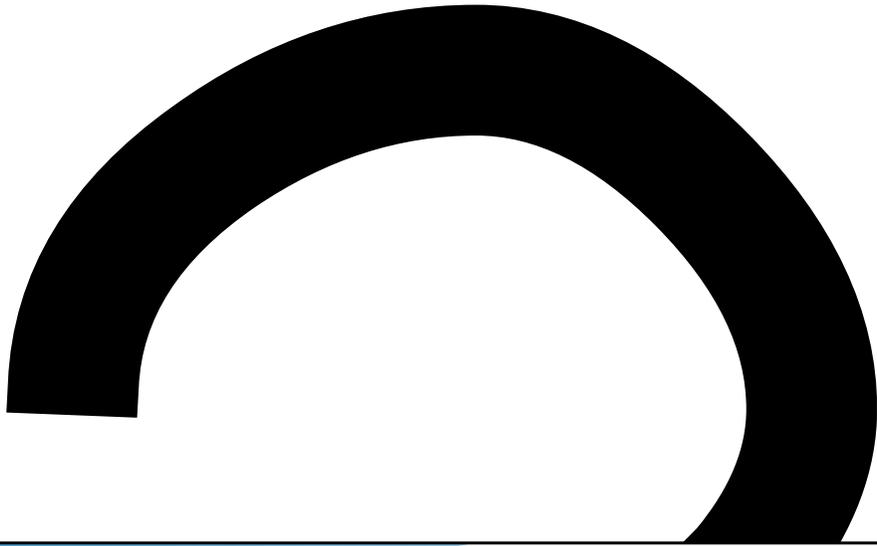
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A horizontal banner with a blue background and white clouds. On the left, a cartoon superhero with brown hair, wearing a red suit with a blue chest and a red cape, is flying. A blue shield with the letters 'MJS' is on his chest. On the right, the word 'Preview' is written in large red letters, with the text 'Please log in to download the printable version of this worksheet.' below it.

A cartoon superhero with brown hair, wearing a blue suit and a red cape, is flying through a white cloud against a blue sky background. A blue shield on his chest contains the letters 'M.J.S.' in white.

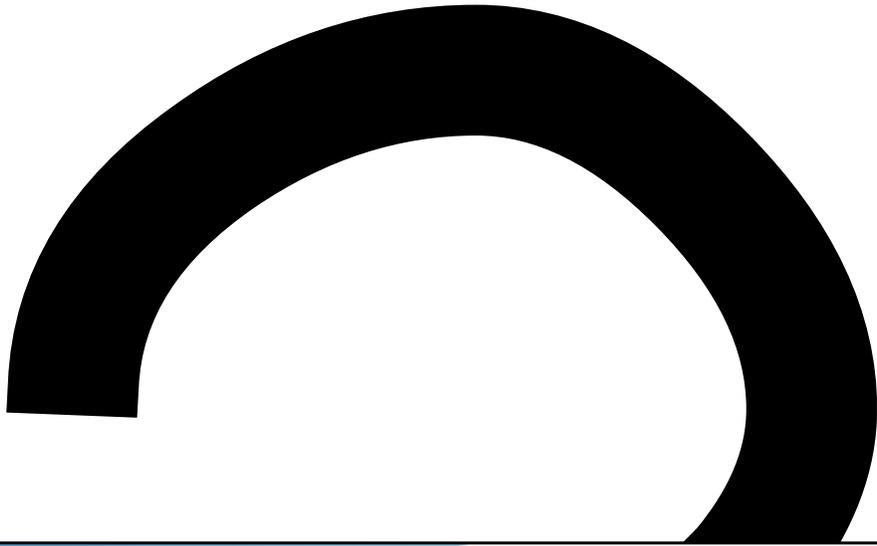
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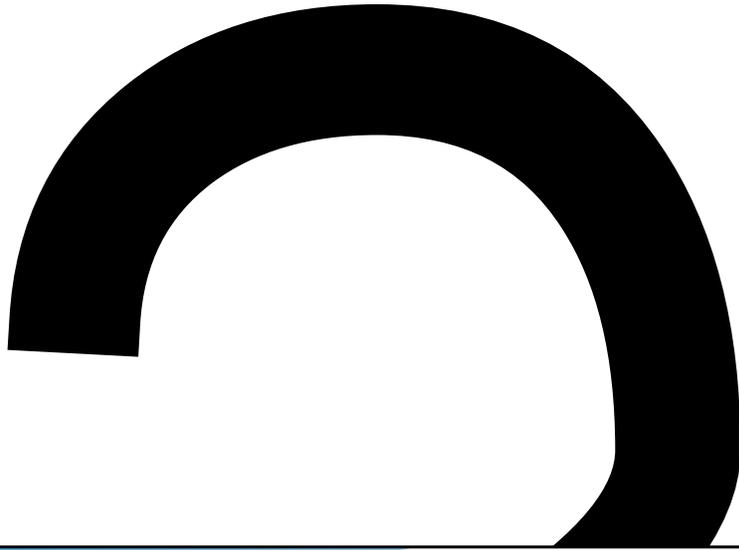
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A horizontal banner with a blue background and white clouds. On the left, a cartoon superhero with brown hair, wearing a red suit with a blue chest and a red cape, is flying. A blue shield on his chest contains the letters 'MJS'. On the right, the word 'Preview' is written in a large, bold, red font. Below it, the text 'Please log in to download the printable version of this worksheet.' is written in a smaller, black, sans-serif font.

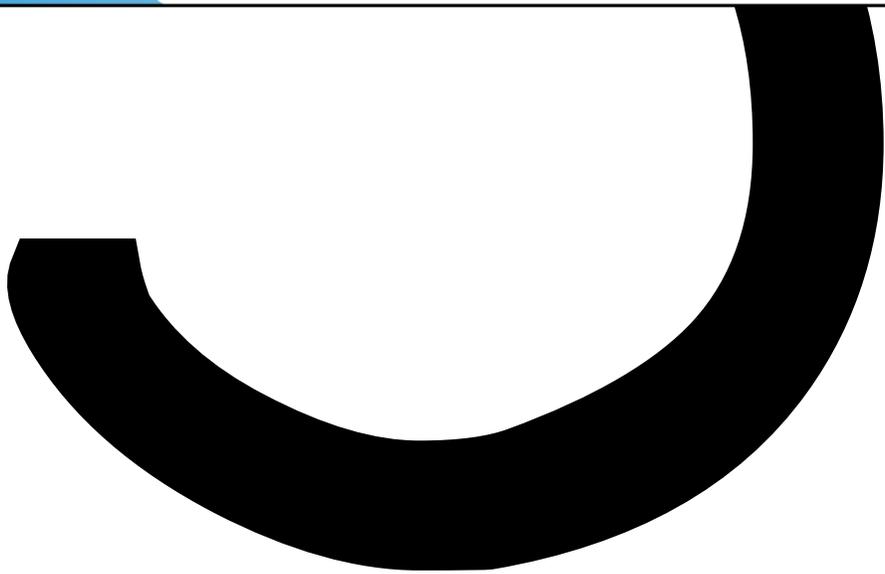


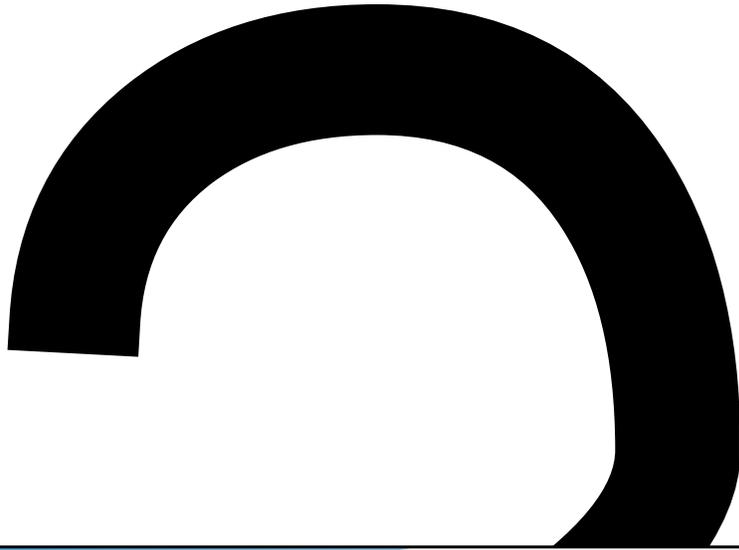
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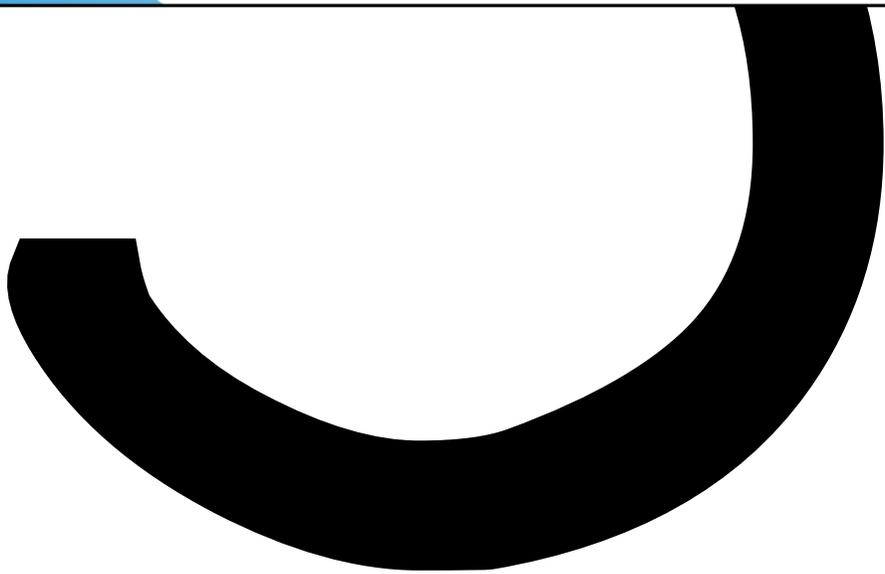


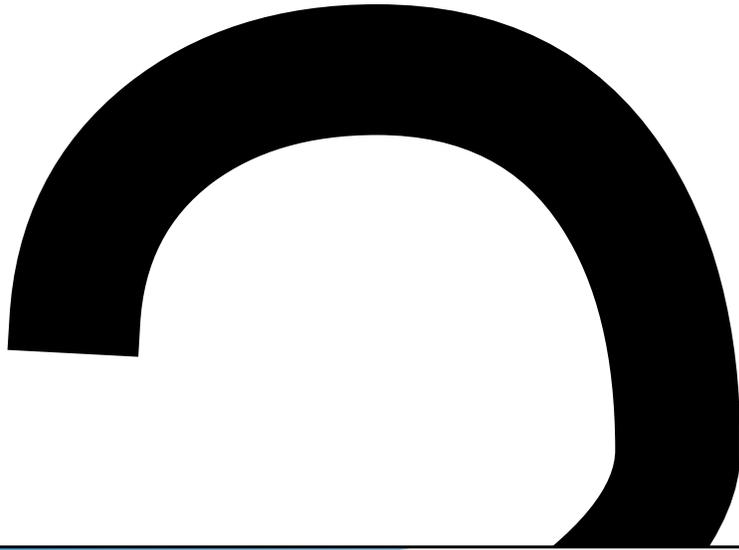
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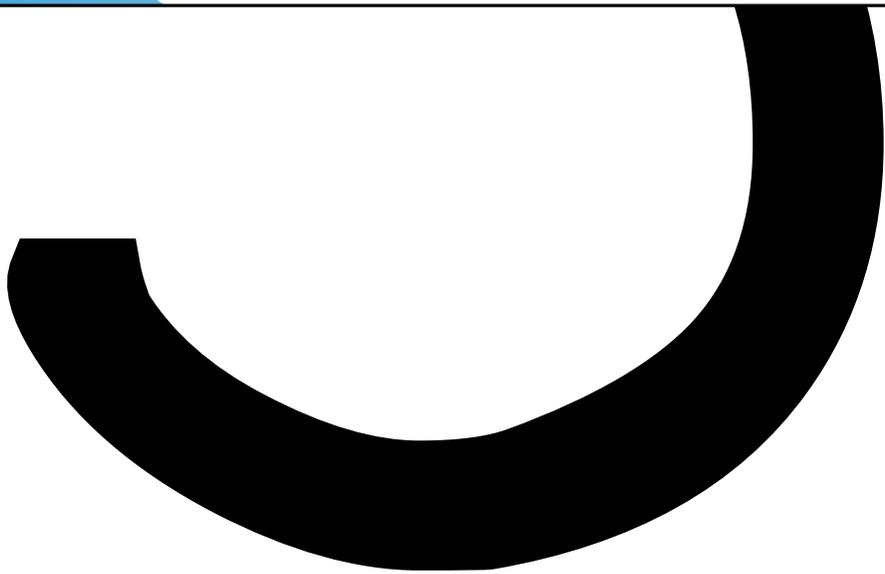


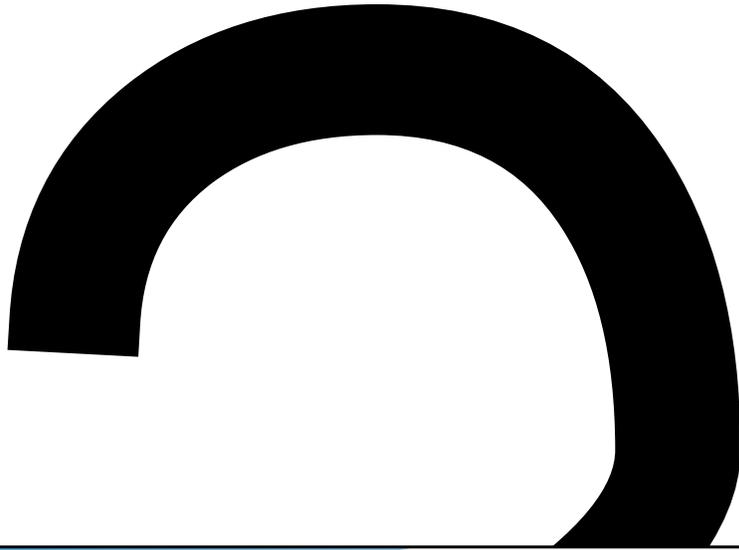
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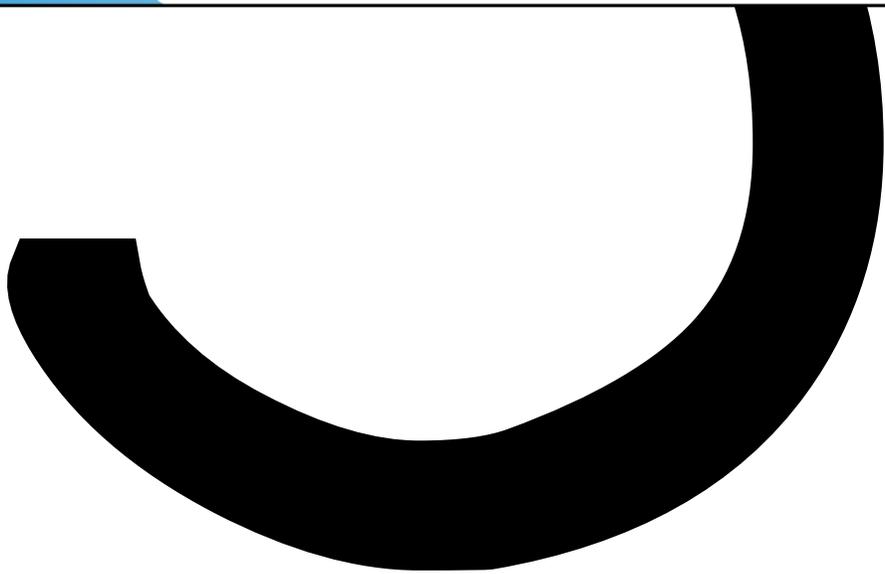


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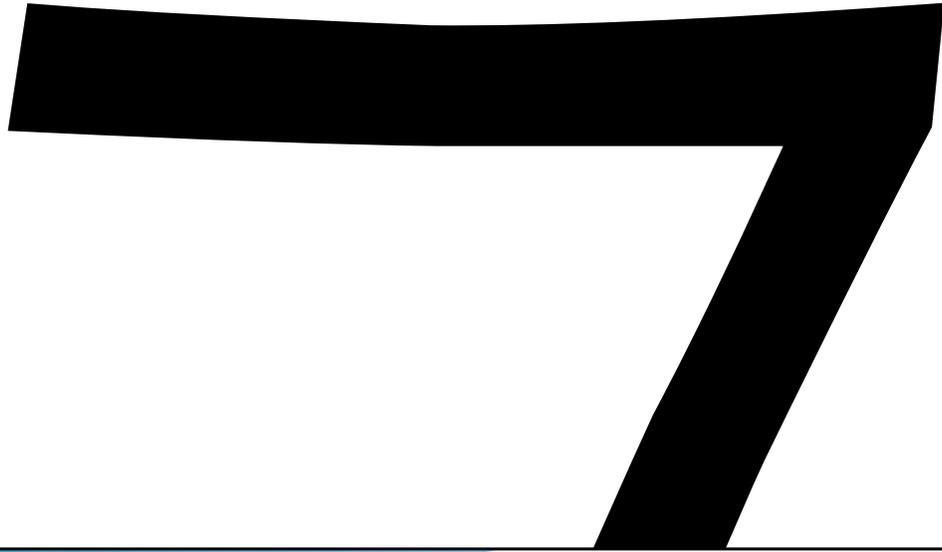
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A cartoon superhero with brown hair, wearing a blue suit and a red cape, is flying to the right. A blue shield with the letters 'MJS' is on his chest. The background is a light blue sky with white clouds.

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A cartoon superhero with brown hair, wearing a blue suit and a red cape, is flying through a blue sky with white clouds. A blue shield-shaped logo with the letters 'M.T.S.' is on his chest.

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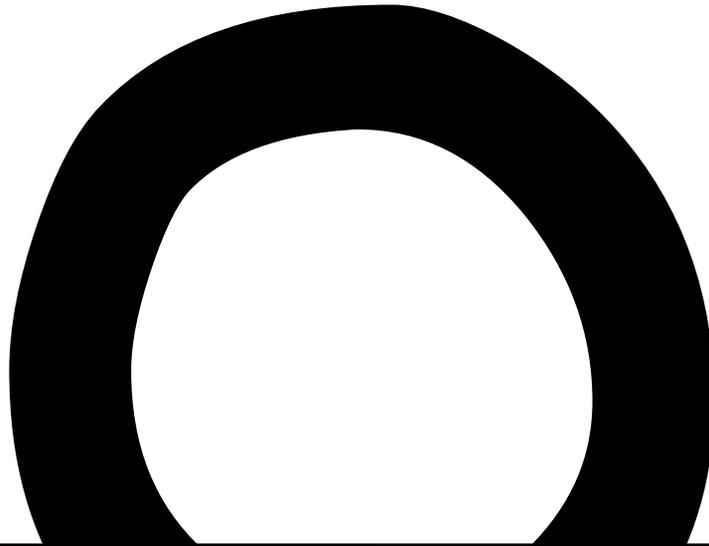
A cartoon superhero with brown hair, wearing a blue suit and a red cape, is flying through a blue sky with white clouds. A shield-shaped logo on his chest contains the letters 'M.T.S'.

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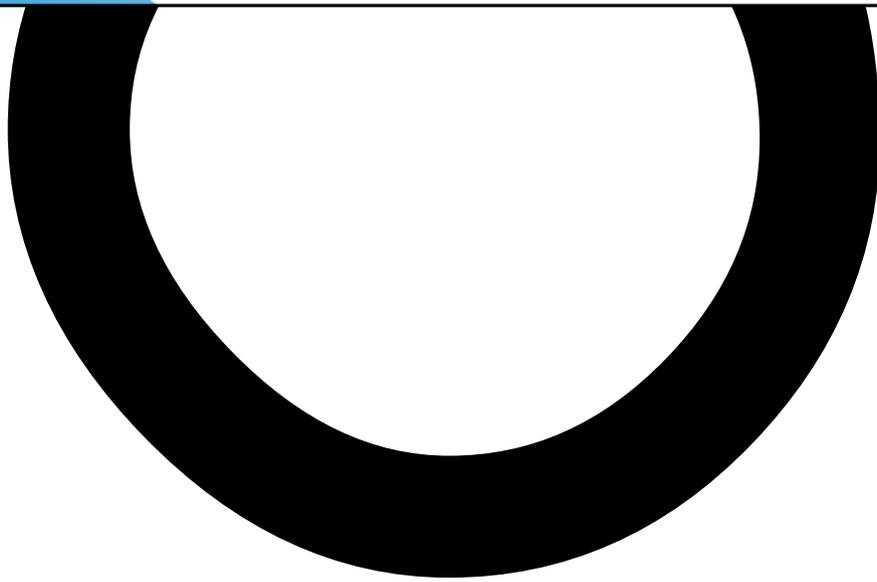
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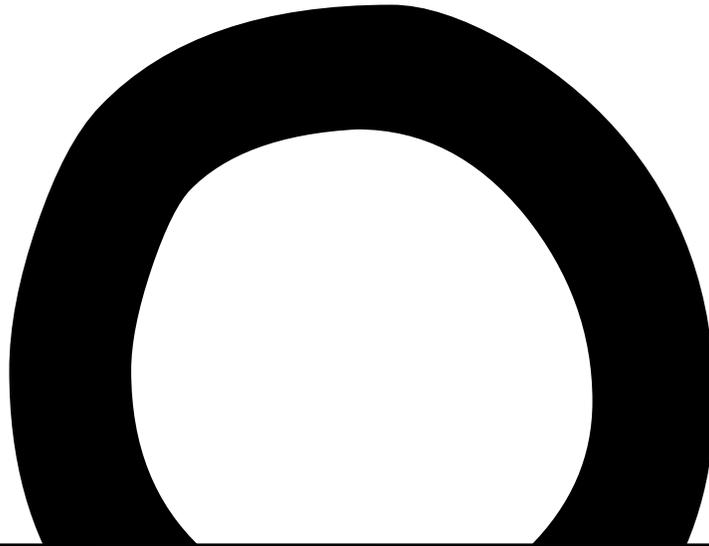
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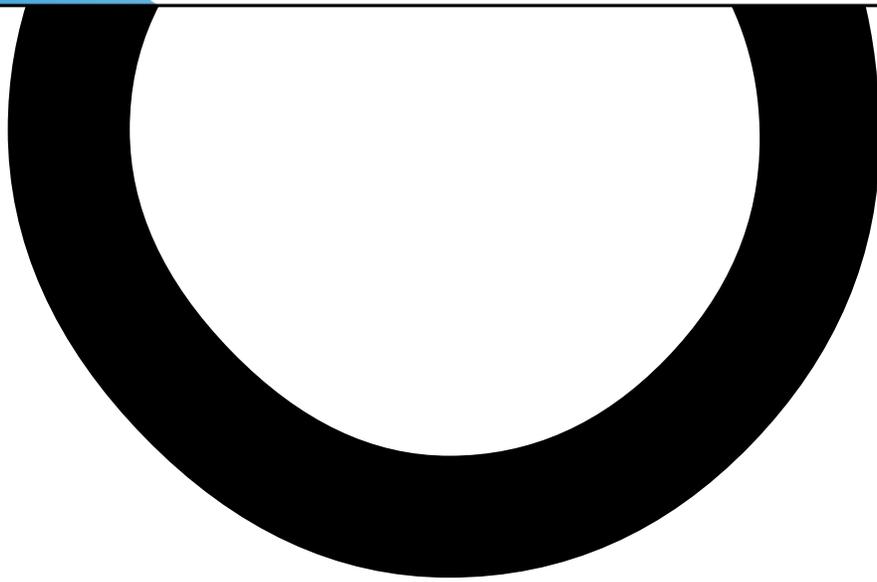


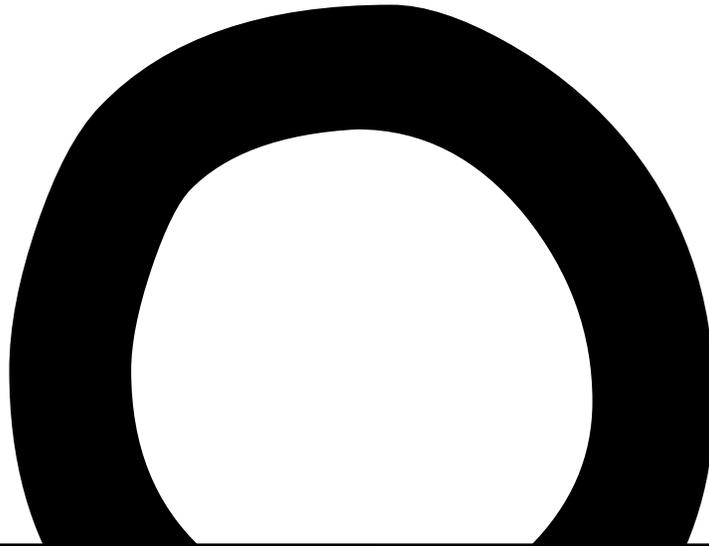
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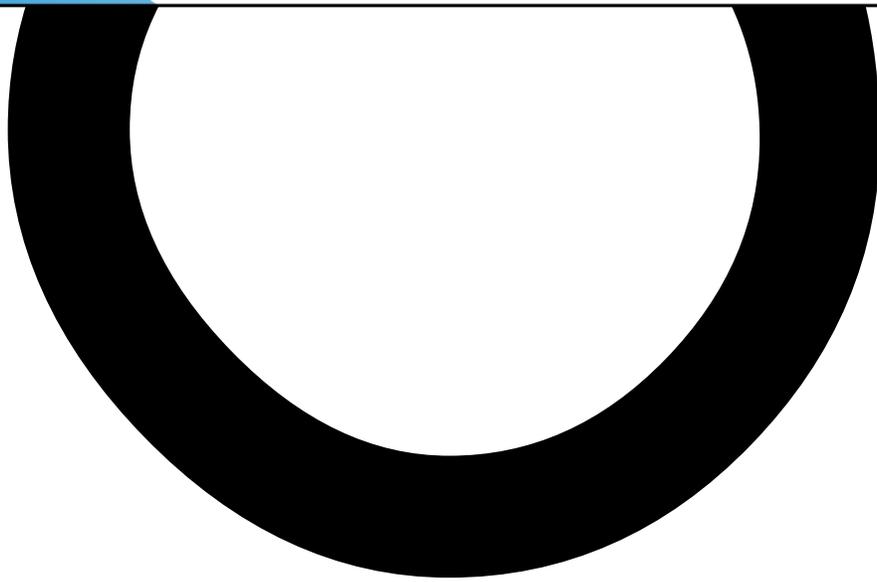


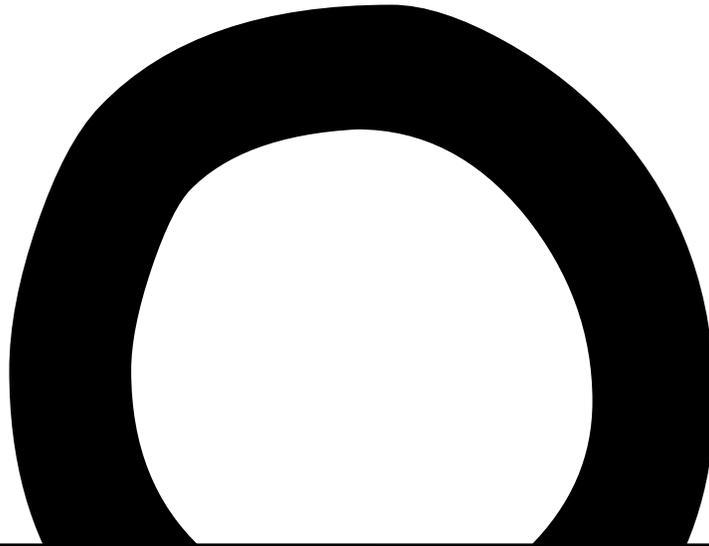
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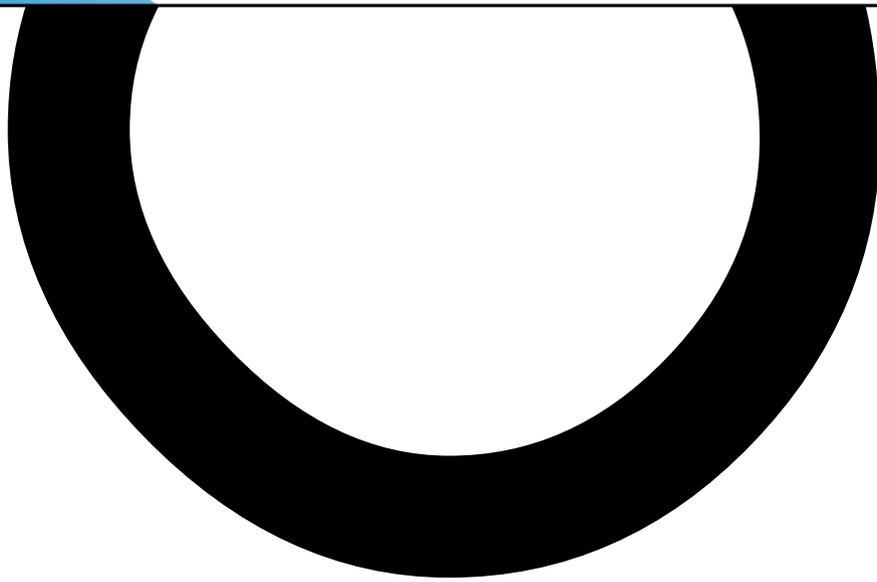


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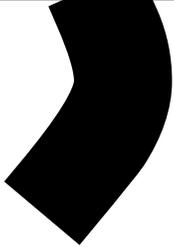
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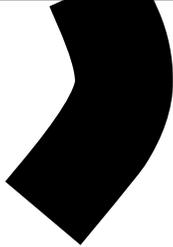
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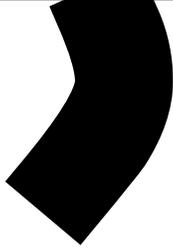
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