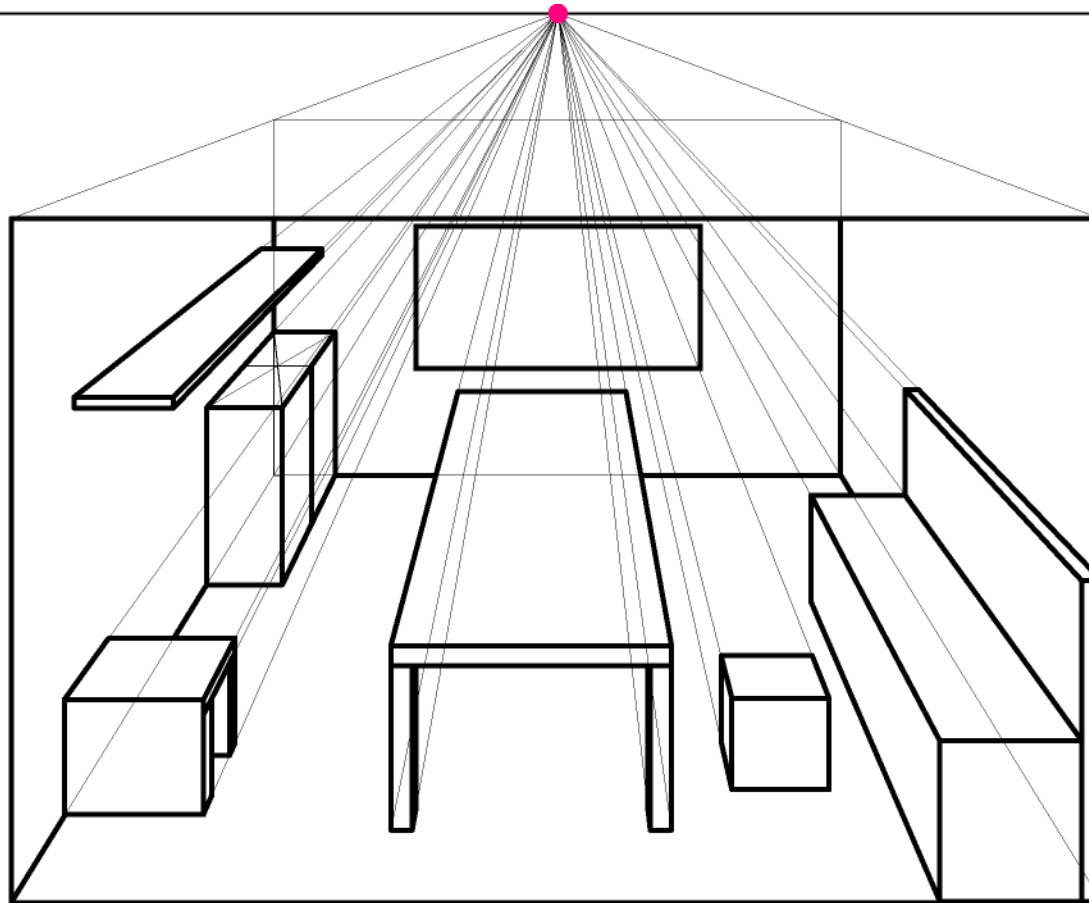


LEARNING OBJECTIVES : To understand how to estimate depths in one point perspective
To understand how to find the centre of an object in one point perspective.

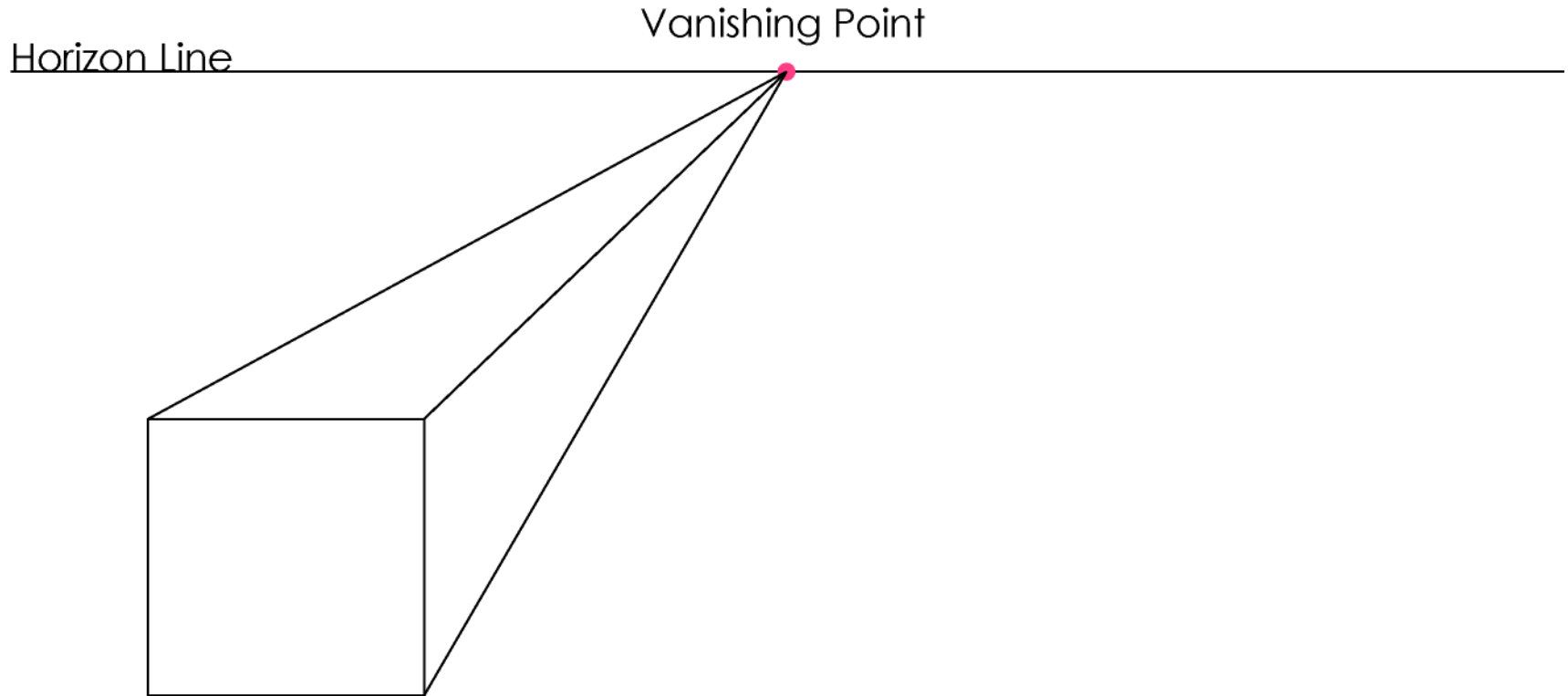
One point perspective



One point perspective is a way of drawing where all forms vanish to one vanishing point somewhere on the horizon.

LEARNING OBJECTIVES : To understand how to estimate depths in one point perspective
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One point perspective – estimating the depth of an object

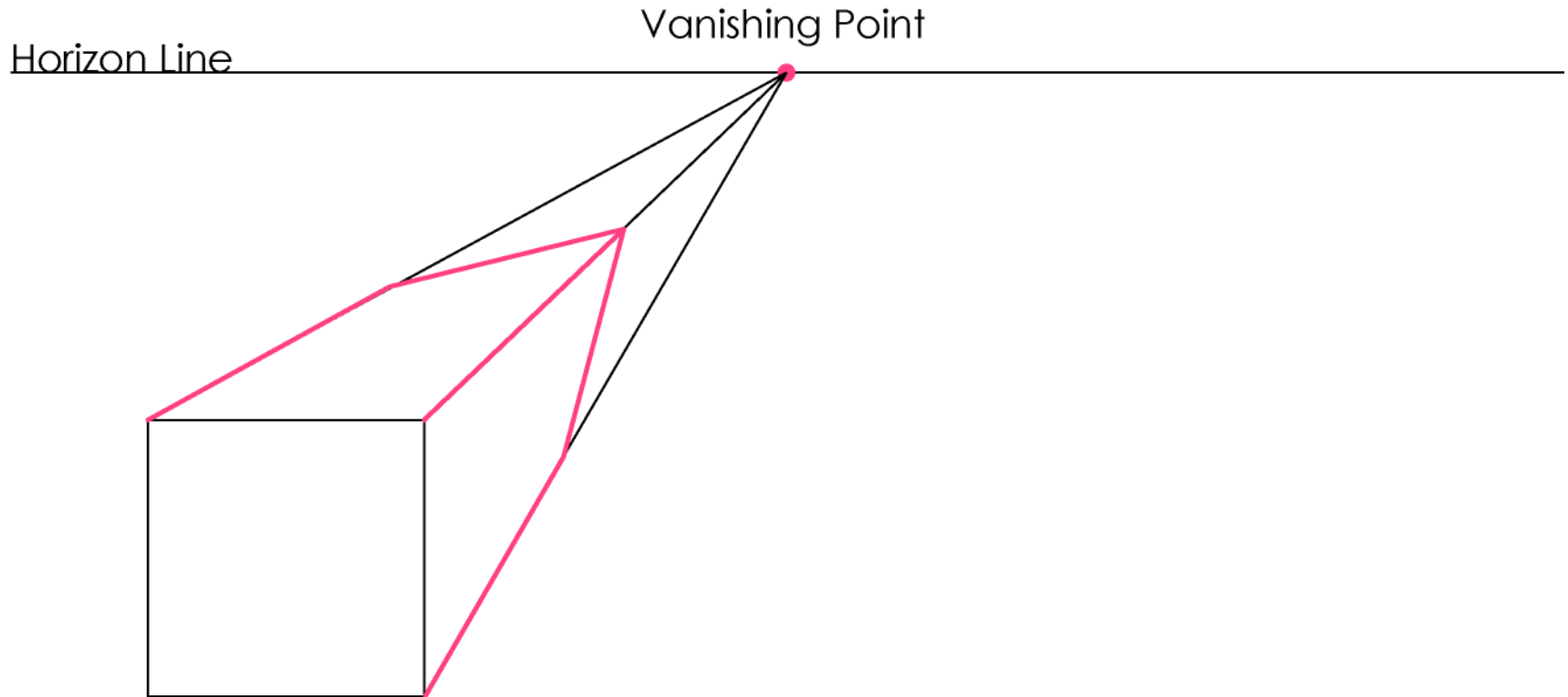


Draw a horizon line and vanishing point on a fresh page. Draw a 60mm square on the page and draw orthogonals from the corners.

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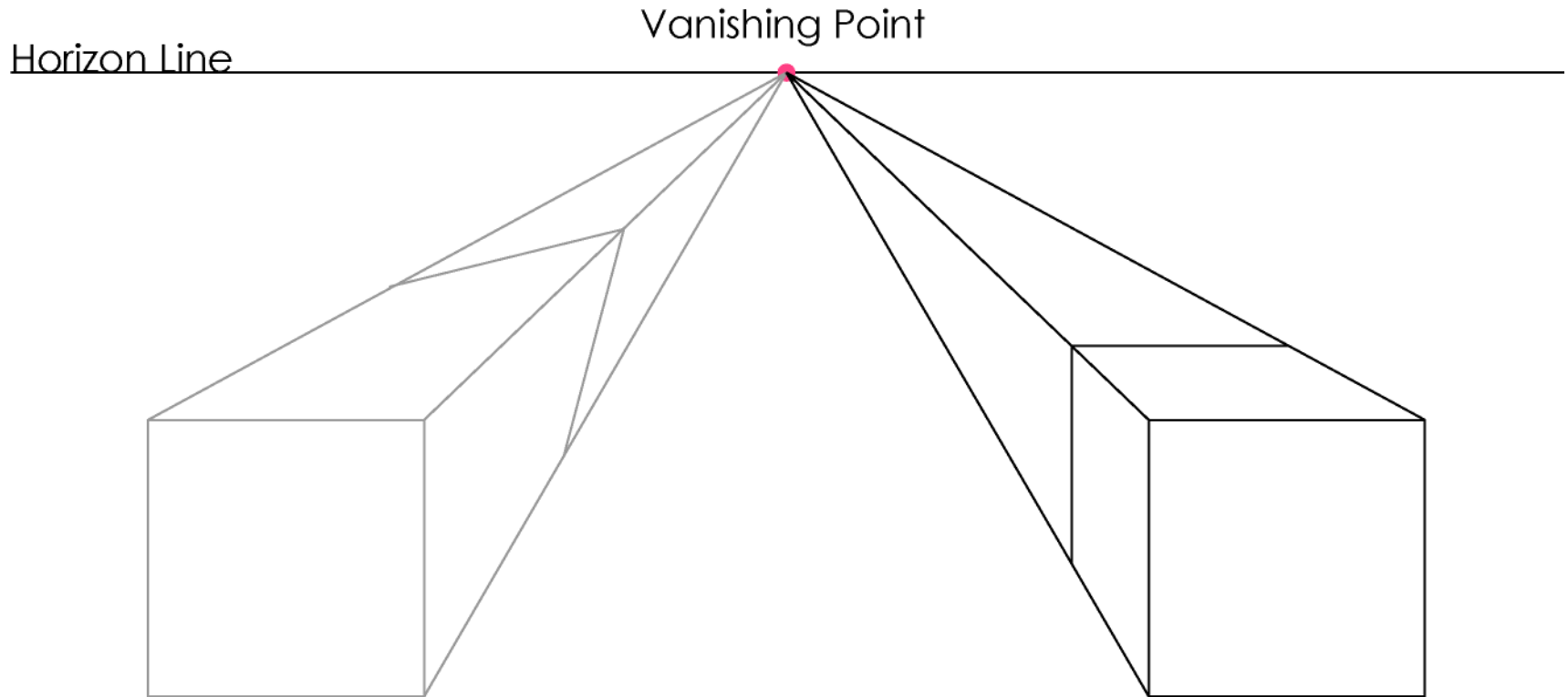
One point perspective – estimating the depth of an object



Because forms get smaller or converge as they reach the vanishing point, it is impossible to measure the depth of an object accurately. Measure 60mm along each of your orthogonals and join the lines up to create a complete form. Does it look like a cube?

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One point perspective – estimating the depth of an object



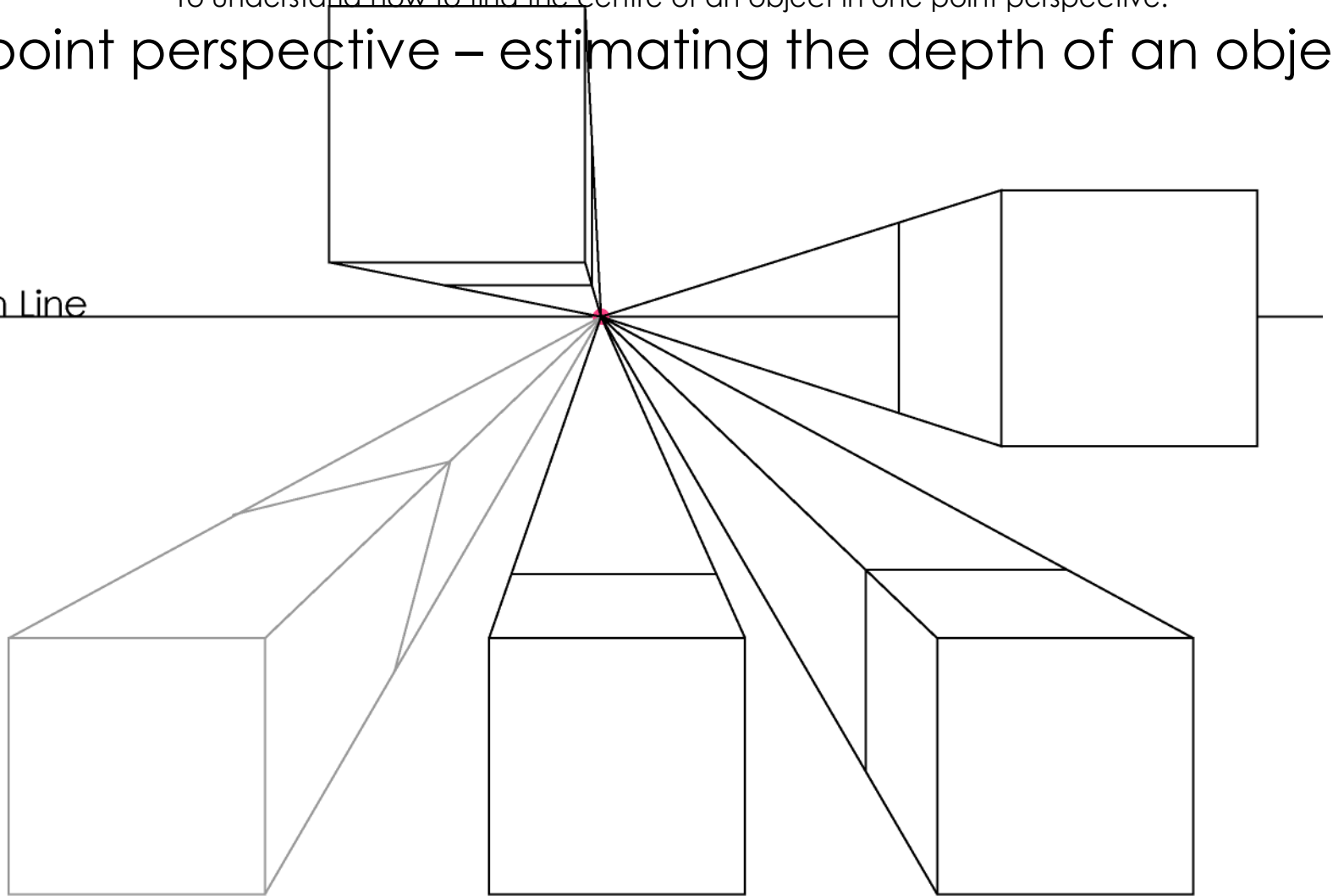
Because of this, we have to estimate where a form ends and draw a horizontal and/or vertical line between the orthogonals by eye. Draw another 60mm square and draw in the orthogonals. Draw a horizontal, then vertical line to show where the form ends.

LEARNING OBJECTIVES : To understand how to estimate depths in one point perspective

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One point perspective – estimating the depth of an object

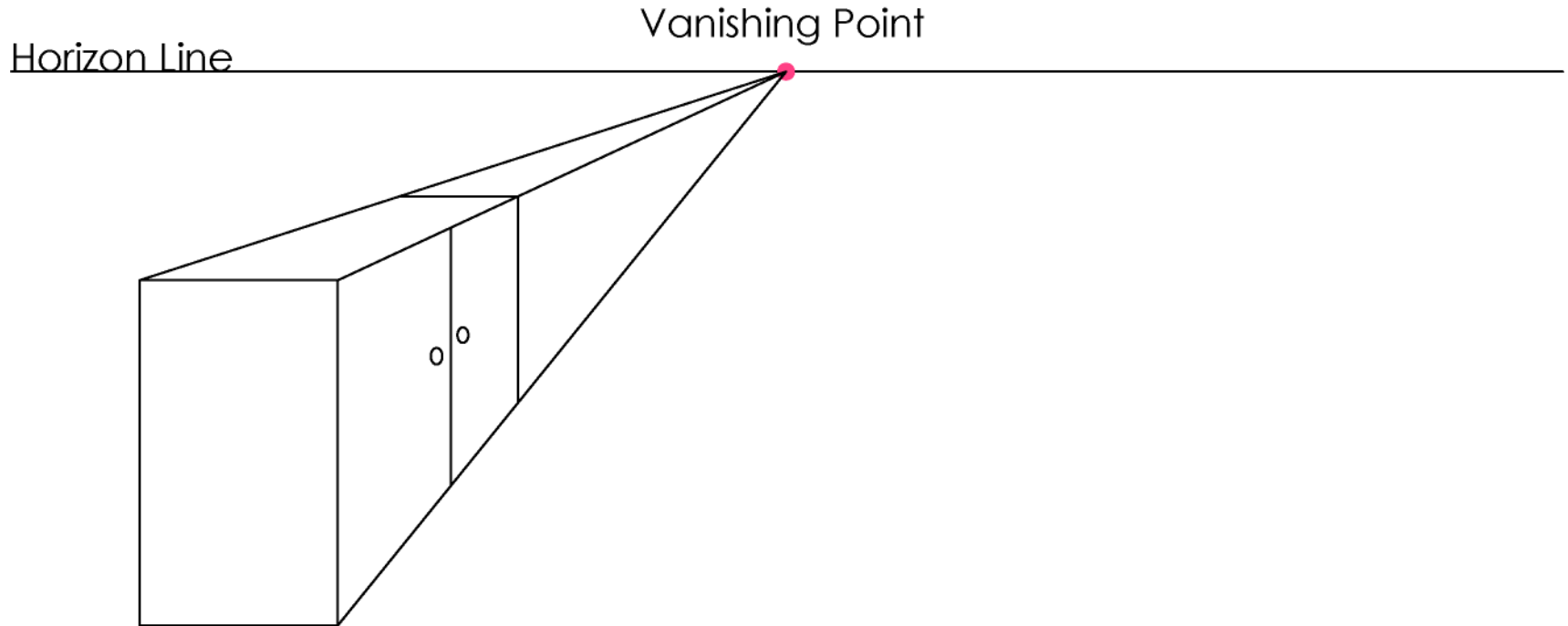
Horizon Line



Where you estimate the form to end will depend on where it is on the page in relation to the vanishing point. The closer it is to the vanishing point, the more **foreshortened** it will be.

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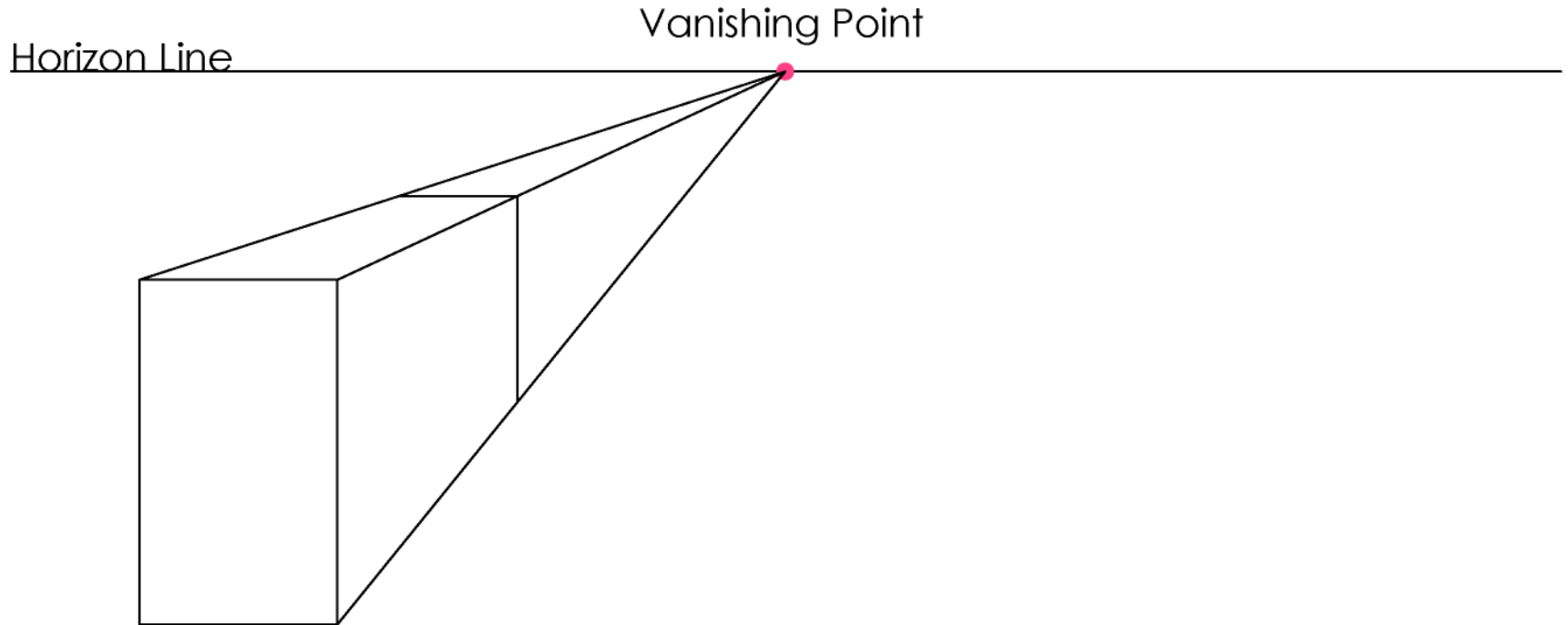
One point perspective – finding the centre of an object



Sometimes when you draw an object in one point perspective you will need to find the centre of one of the sides. It is difficult to estimate this, but there is an easy way to accurately find the centre point.

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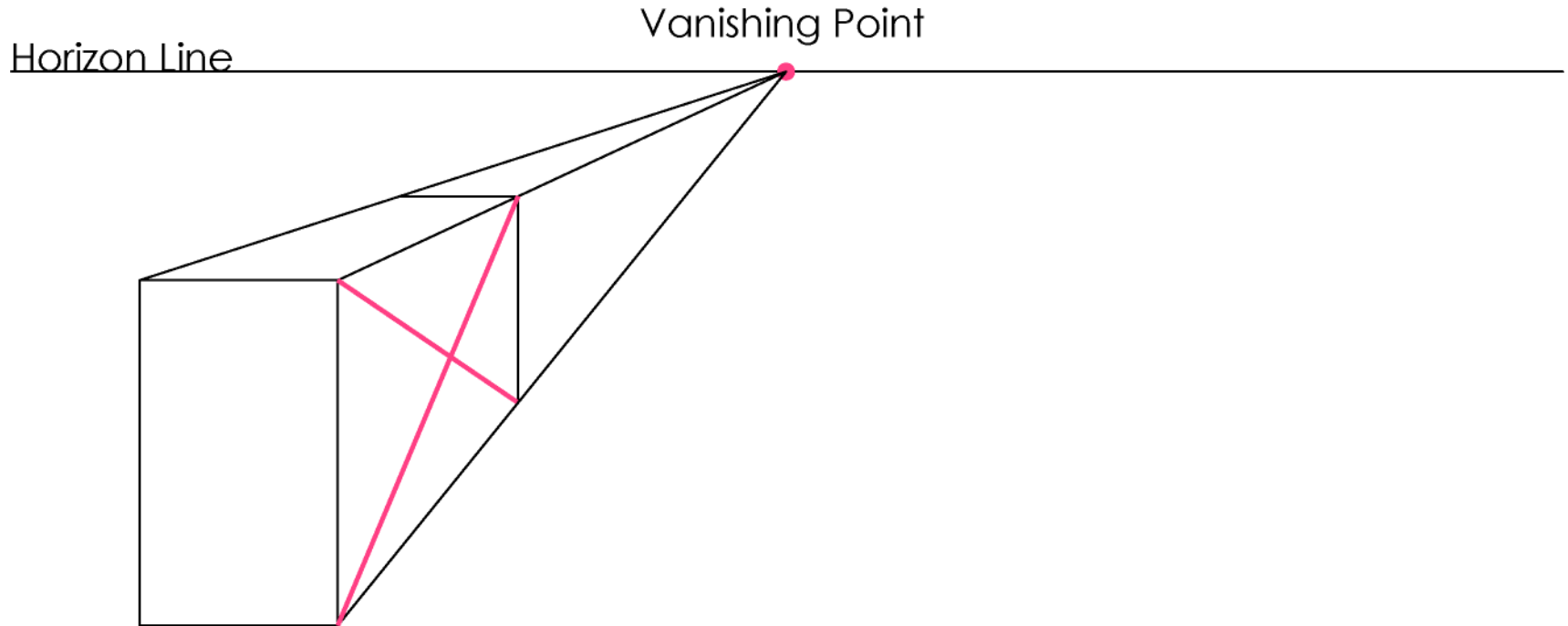
One point perspective – finding the centre of an object



Draw a rectangle, draw in the orthagonals, then the horizontal and vertical lines to complete the shape.

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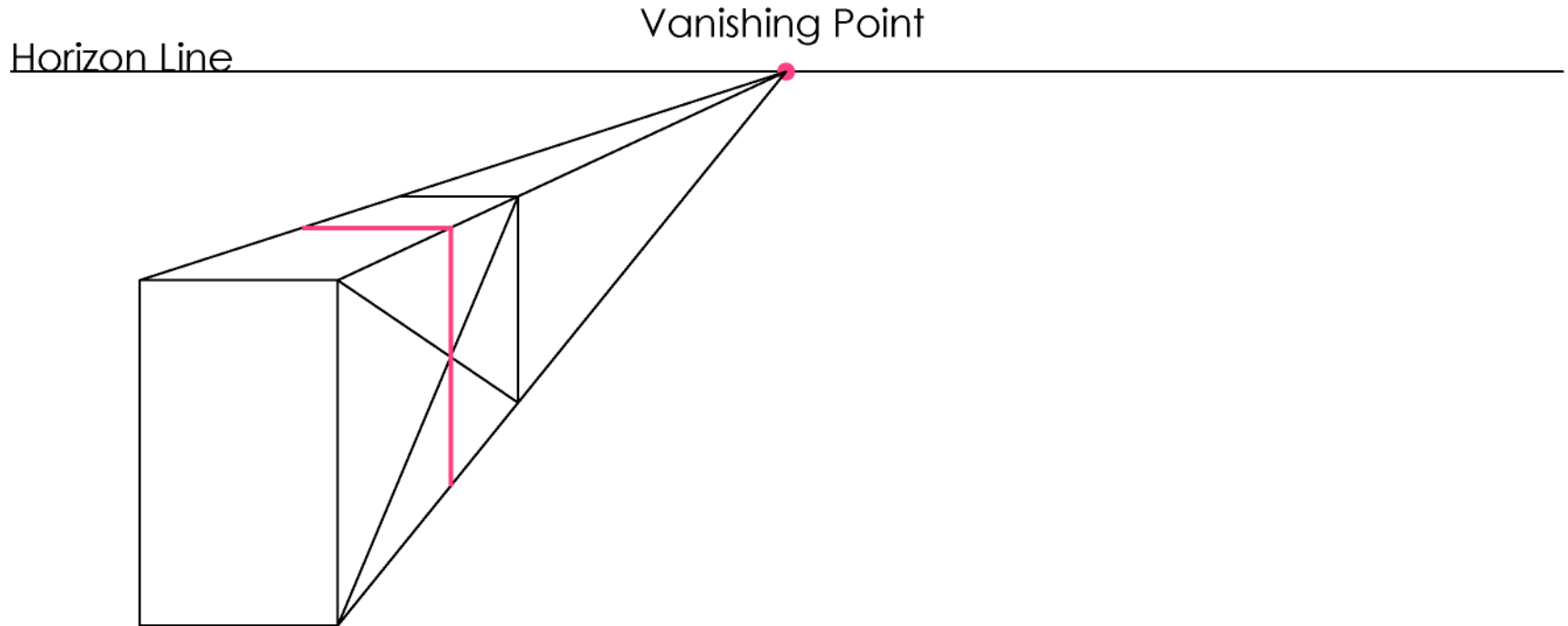
One point perspective – finding the centre of an object



Draw a cross from corner to corner on the side of the form. Where the two lines meet is the exact centre of the side. This is true for any four sided shape.

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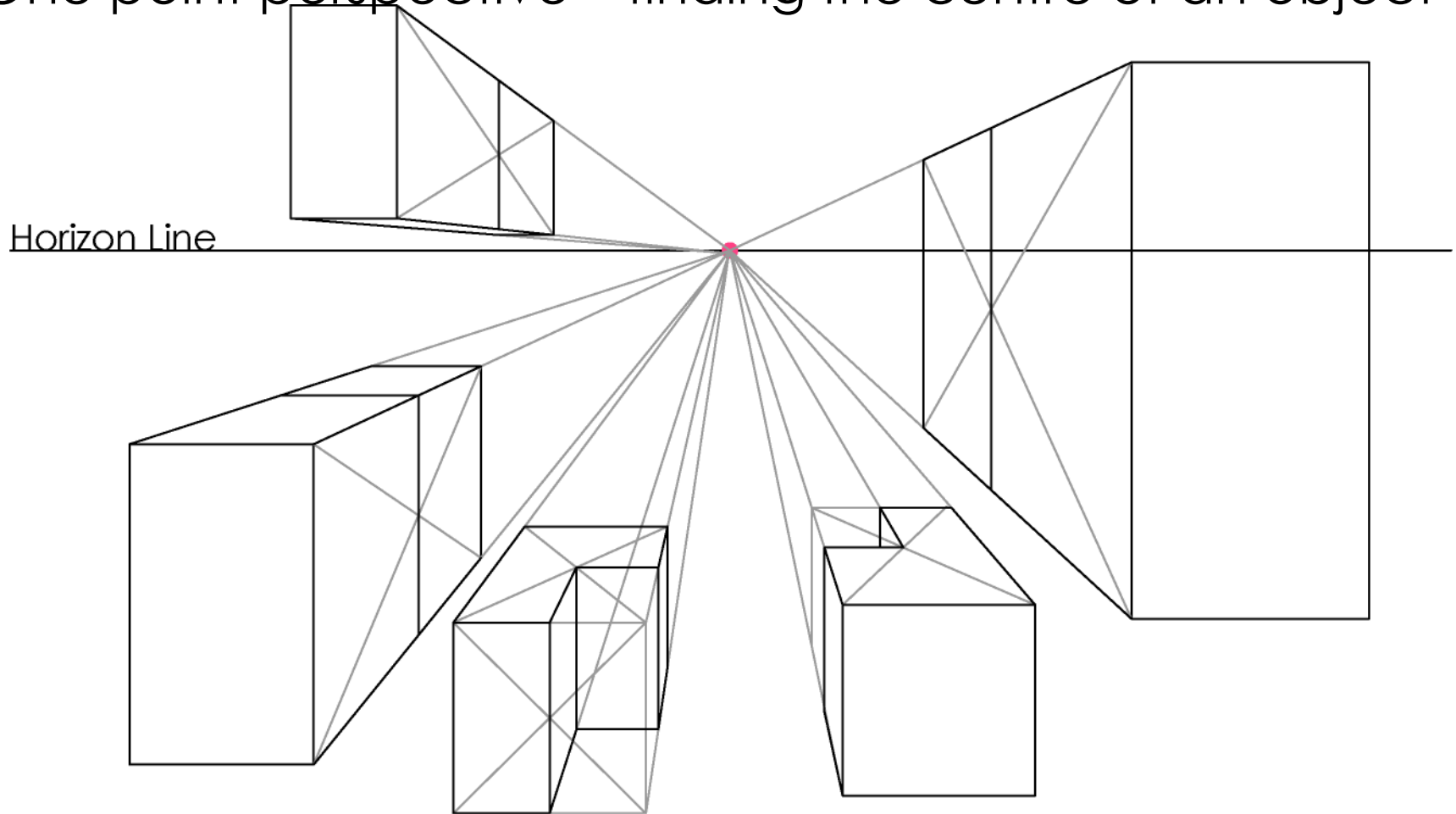
One point perspective – finding the centre of an object



Draw a vertical line through the point where the lines meet, then complete the form with a horizontal line. You have now divided your form in half.

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One point perspective – finding the centre of an object



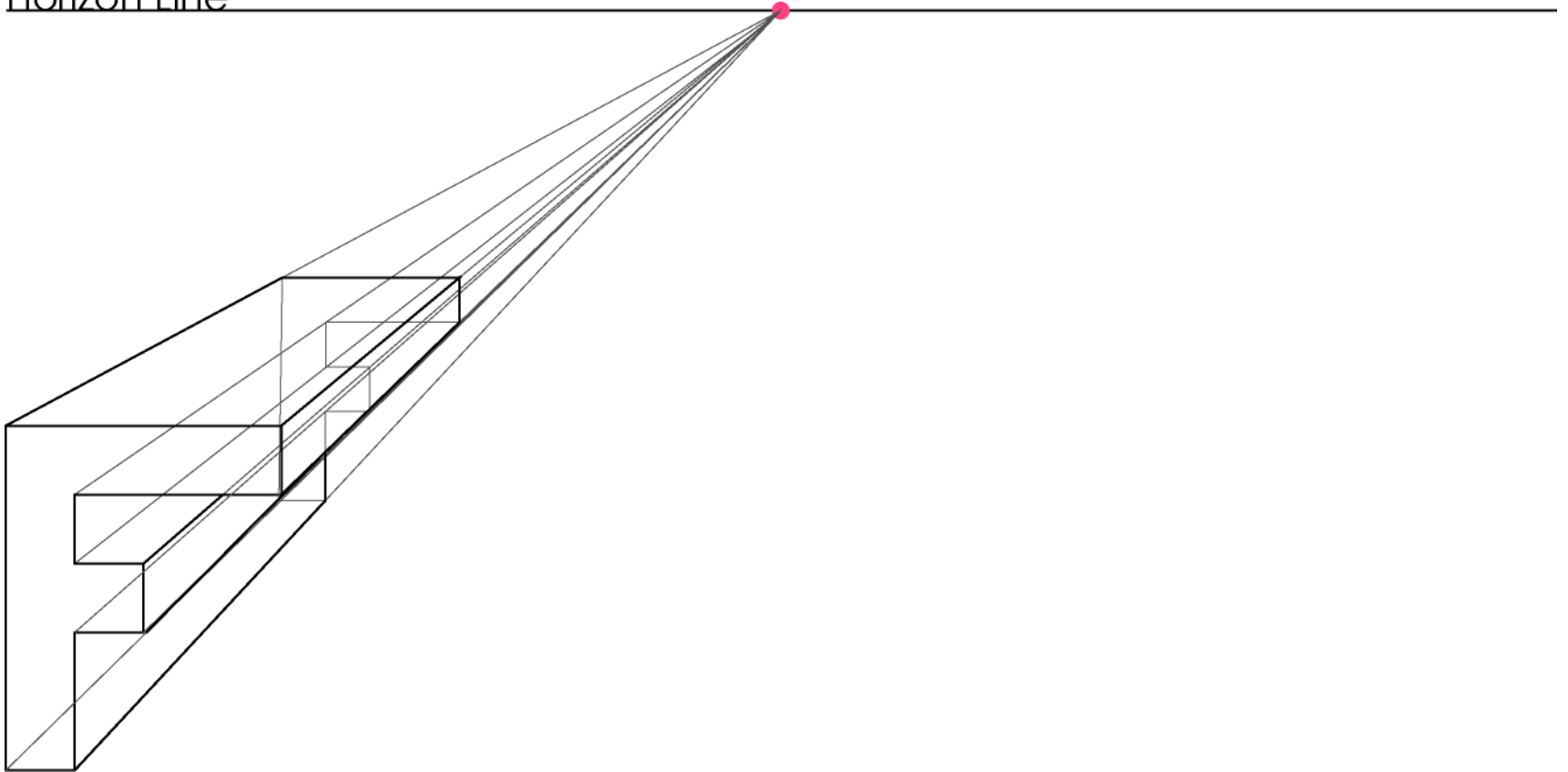
Practice by drawing several more forms of different sizes on your page and dividing them in half.

Extension : try drawing the L-shaped forms using the same method.

LEARNING OBJECTIVES : To understand how to estimate depths in one point perspective
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One point perspective – further exercise

Horizon Line



Draw your initial in block capitals on the page. Use one point perspective to project it towards the vanishing point. See if you can do your other initials too. Then shade the letters. Remember, colours appear paler the farther they are from us.