

# Hamburgesfontiv

Ascender line

X Height

Mean Line

Baseline

Descender line

A row of seven uppercase 'H' characters on a four-line grid. The first 'H' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line from the Mean Line to the Baseline. Arrow 2 is a horizontal line from the Mean Line to the right. Arrow 3 is a vertical line from the Mean Line to the Baseline. The remaining six 'H' characters are unannotated.

Ascender line

X Height

Mean Line

Baseline

Descender line

A row of seven lowercase 'a' characters on a four-line grid. The first 'a' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a counter-clockwise curve from the Baseline to the Mean Line. Arrow 2 is a counter-clockwise curve from the Mean Line to the Baseline. Arrow 3 is a vertical line from the Mean Line to the Baseline. The remaining six 'a' characters are unannotated.

Ascender line

X Height

Mean Line

Baseline

Descender line

A row of seven lowercase 'a' characters on a four-line grid. The first 'a' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a counter-clockwise curve from the Baseline to the Mean Line. Arrow 2 is a counter-clockwise curve from the Mean Line to the Baseline. Arrow 3 is a vertical line from the Mean Line to the Baseline. The remaining six 'a' characters are unannotated.

Ascender line

X Height

Mean Line

Baseline

Descender line

A row of seven lowercase 'm' characters on a four-line grid. The first 'm' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line from the Mean Line to the Baseline. Arrow 2 is a counter-clockwise curve from the Mean Line to the Baseline. Arrow 3 is a vertical line from the Mean Line to the Baseline. The remaining six 'm' characters are unannotated.

Ascender line

X Height

Mean Line

Baseline

Descender line

A row of seven lowercase 'b' characters on a four-line grid. The first 'b' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line from the Mean Line to the Baseline. Arrow 2 is a counter-clockwise curve from the Mean Line to the Baseline. Arrow 3 is a vertical line from the Mean Line to the Baseline. The remaining six 'b' characters are unannotated.

# Hamburgesiv

Ascender line

X Height

Mean Line

Baseline

Descender line

U U U U U U U U U U

Detailed description: This block shows the construction of the uppercase letter 'U'. On the left, a vertical stack of four lines is shown: a solid top line labeled 'Ascender line', a dashed line labeled 'X Height', a solid line labeled 'Mean Line', and a solid bottom line labeled 'Baseline'. A 'Descender line' is also indicated below the baseline. The first 'U' is drawn with red arrows and numbers 1 and 2. Arrow 1 starts at the baseline, curves up and left to the ascender line, then curves down and right to the baseline. Arrow 2 is a vertical line from the mean line to the baseline. To the right, a row of ten 'U's is shown on the same grid.

Ascender line

X Height

Mean Line

Baseline

Descender line

R R R R R R R R R R

Detailed description: This block shows the construction of the uppercase letter 'R'. On the left, the same four-line grid is shown. The first 'R' is drawn with red arrows and numbers 1 and 2. Arrow 1 is a vertical line from the mean line to the baseline. Arrow 2 starts at the top of the vertical line, curves up and right to the ascender line, then curves down and right to the baseline. To the right, a row of ten 'R's is shown on the same grid.

Ascender line

X Height

Mean Line

Baseline

Descender line

g g g g g g g g g g

Detailed description: This block shows the construction of the uppercase letter 'g'. On the left, the same four-line grid is shown. The first 'g' is drawn with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line from the mean line to the baseline. Arrow 2 starts at the top of the vertical line, curves up and right to the ascender line, then curves down and right to the baseline. Arrow 3 is a vertical line from the mean line to the baseline. To the right, a row of ten 'g's is shown on the same grid.

Ascender line

X Height

Mean Line

Baseline

Descender line

g g g g g g g g g g

Detailed description: This block shows the construction of the lowercase letter 'g'. On the left, the same four-line grid is shown. The first 'g' is drawn with red arrows and numbers 1 through 4. Arrow 1 is a vertical line from the mean line to the baseline. Arrow 2 starts at the top of the vertical line, curves up and right to the ascender line, then curves down and right to the baseline. Arrow 3 is a vertical line from the mean line to the baseline. Arrow 4 is a vertical line from the mean line to the descender line. To the right, a row of ten 'g's is shown on the same grid.

Ascender line

X Height

Mean Line

Baseline

Descender line

e e e e e e e e e e

Detailed description: This block shows the construction of the lowercase letter 'e'. On the left, the same four-line grid is shown. The first 'e' is drawn with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line from the mean line to the baseline. Arrow 2 starts at the top of the vertical line, curves up and right to the ascender line, then curves down and right to the baseline. Arrow 3 is a vertical line from the mean line to the baseline. To the right, a row of ten 'e's is shown on the same grid.

# Hamburgesfontiv

Ascender line

X Height

Mean Line

Baseline

Descender line

A series of eight lowercase 'f' characters on a four-line grid. The first 'f' is annotated with red arrows and numbers 1, 2, and 3. Arrow 1 is a vertical line down from the Mean Line to the Baseline. Arrow 2 is a curve starting from the top of the vertical line, going up to the Ascender line, then curving right and down to the Mean Line. Arrow 3 is a horizontal line from the vertical line to the Mean Line.

Ascender line

X Height

Mean Line

Baseline

Descender line

A series of eight lowercase 'o' characters on a four-line grid. The first 'o' is annotated with red arrows and numbers 1 and 2. Arrow 1 is a counter-clockwise curve starting from the Mean Line, going down to the Baseline, then up to the Ascender line and back to the Mean Line. Arrow 2 is a counter-clockwise curve starting from the top of the first curve, going up to the Ascender line, then curving right and down to the Mean Line.

Ascender line

X Height

Mean Line

Baseline

Descender line

A series of eight lowercase 'n' characters on a four-line grid. The first 'n' is annotated with red arrows and numbers 1 and 2. Arrow 1 is a vertical line down from the Mean Line to the Baseline. Arrow 2 is a curve starting from the top of the vertical line, going up to the Ascender line, then curving right and down to the Mean Line.

Ascender line

X Height

Mean Line

Baseline

Descender line

A series of eight lowercase 't' characters on a four-line grid. The first 't' is annotated with red arrows and numbers 1 and 2. Arrow 1 is a vertical line down from the Mean Line to the Baseline. Arrow 2 is a horizontal line from the vertical line to the Mean Line, with a small curve at the end.

Ascender line

X Height

Mean Line

Baseline

Descender line

A series of eight lowercase 's' characters on a four-line grid. The first 's' is annotated with red arrows and numbers 1 and 2. Arrow 1 is a curve starting from the Mean Line, going down to the Baseline, then up to the Ascender line and back to the Mean Line. Arrow 2 is a curve starting from the top of the first curve, going up to the Ascender line, then curving right and down to the Mean Line.

Letterform Construction Worksheet

# Hamburgetfontsi

Ascender line

X Height

Mean Line

Baseline

Descender line

This block shows the construction of the lowercase letter 'i'. It features a set of four horizontal lines: a solid top line labeled 'Ascender line', a dashed middle line labeled 'Mean Line', a solid bottom line labeled 'Baseline', and a solid bottom-most line labeled 'Descender line'. A vertical double-headed arrow on the left indicates the 'X Height' between the Mean Line and the Baseline. A series of ten 'i' characters are shown. The first 'i' has two red arrows: arrow 1 points from the Baseline to the top of the stem, and arrow 2 points from the top of the stem to the top of the ascender. The remaining nine 'i' characters are solid black.

Ascender line

X Height

Mean Line

Baseline

Descender line

This block shows the construction of the lowercase letter 'v'. It features the same four horizontal lines as the 'i' block: 'Ascender line' (solid top), 'Mean Line' (dashed middle), 'Baseline' (solid bottom), and 'Descender line' (solid bottom-most). A vertical double-headed arrow on the left indicates the 'X Height' between the Mean Line and the Baseline. A series of ten 'v' characters are shown. The first 'v' has two red arrows: arrow 1 points from the Baseline to the bottom of the stem, and arrow 2 points from the top of the stem to the top of the ascender. The remaining nine 'v' characters are solid black.

Ascender line

X Height

Mean Line

Baseline

Descender line

This block provides a set of blank construction lines for a letter. It includes the four horizontal lines: 'Ascender line' (solid top), 'Mean Line' (dashed middle), 'Baseline' (solid bottom), and 'Descender line' (solid bottom-most). A vertical double-headed arrow on the left indicates the 'X Height' between the Mean Line and the Baseline.

Ascender line

X Height

Mean Line

Baseline

Descender line

This block provides a set of blank construction lines for a letter, identical to the previous block, including the four horizontal lines and the 'X Height' indicator.

Ascender line

X Height

Mean Line

Baseline

Descender line

This block provides a set of blank construction lines for a letter, identical to the previous blocks, including the four horizontal lines and the 'X Height' indicator.