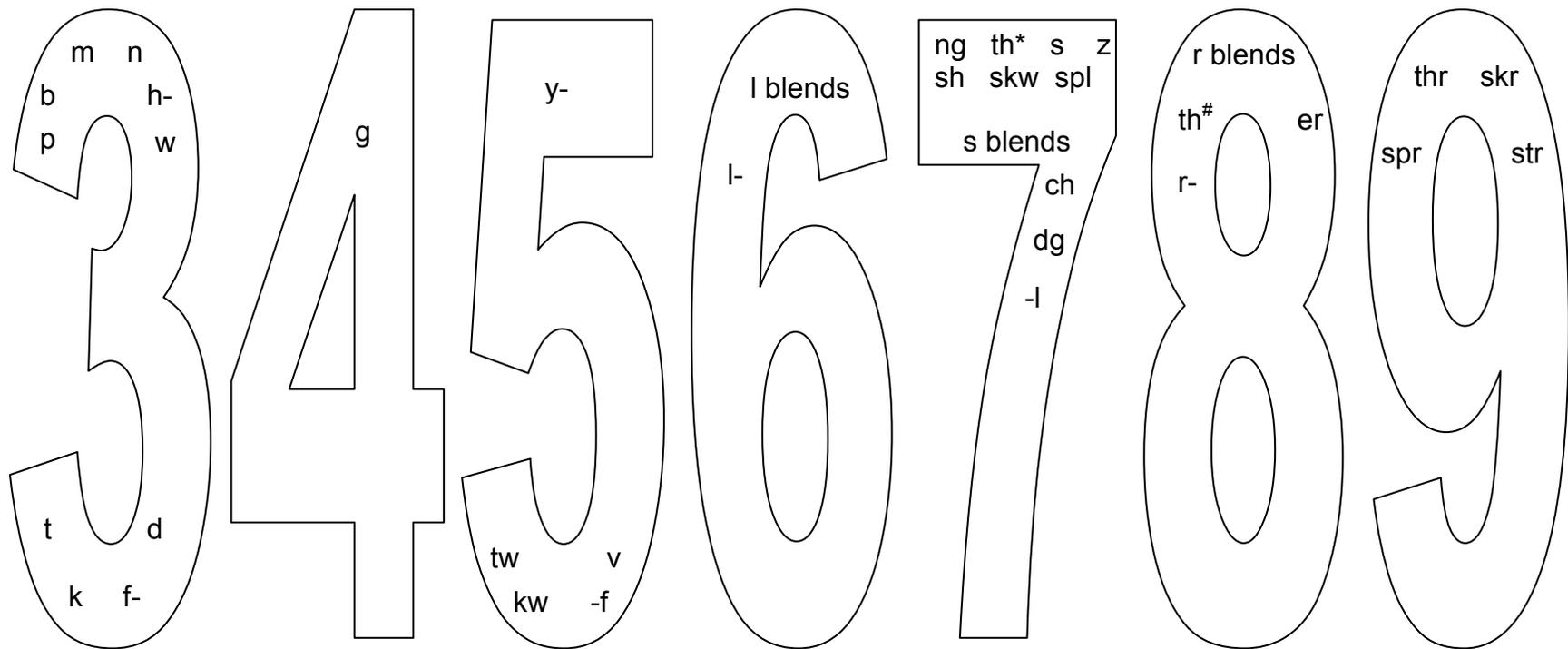


## Suggested Ages for Acquisition for Boys Based on Iowa Nebraska Norms

The chart below shows recommended ages of acquisition, based on the ages when 90% of English speaking boys produce single sounds (before or after a vowel), consonant blends, and clusters. Sounds acquired during the second half of the year (ex., 3<sup>1/2</sup>, 4<sup>1/2</sup>, etc) are shown at the bottom of each year. Pre and post vocalic positions are noted using the - and all vowel sounds are expected by age 3. This work was originally published by Smit, Hand, Freiling, Bernthal, and Bird<sup>1</sup> and is considered a recent comprehensive study. Additional information is available from *Speech-Language Pathology Services in Schools: Guidelines for Best Practice*<sup>2</sup>.



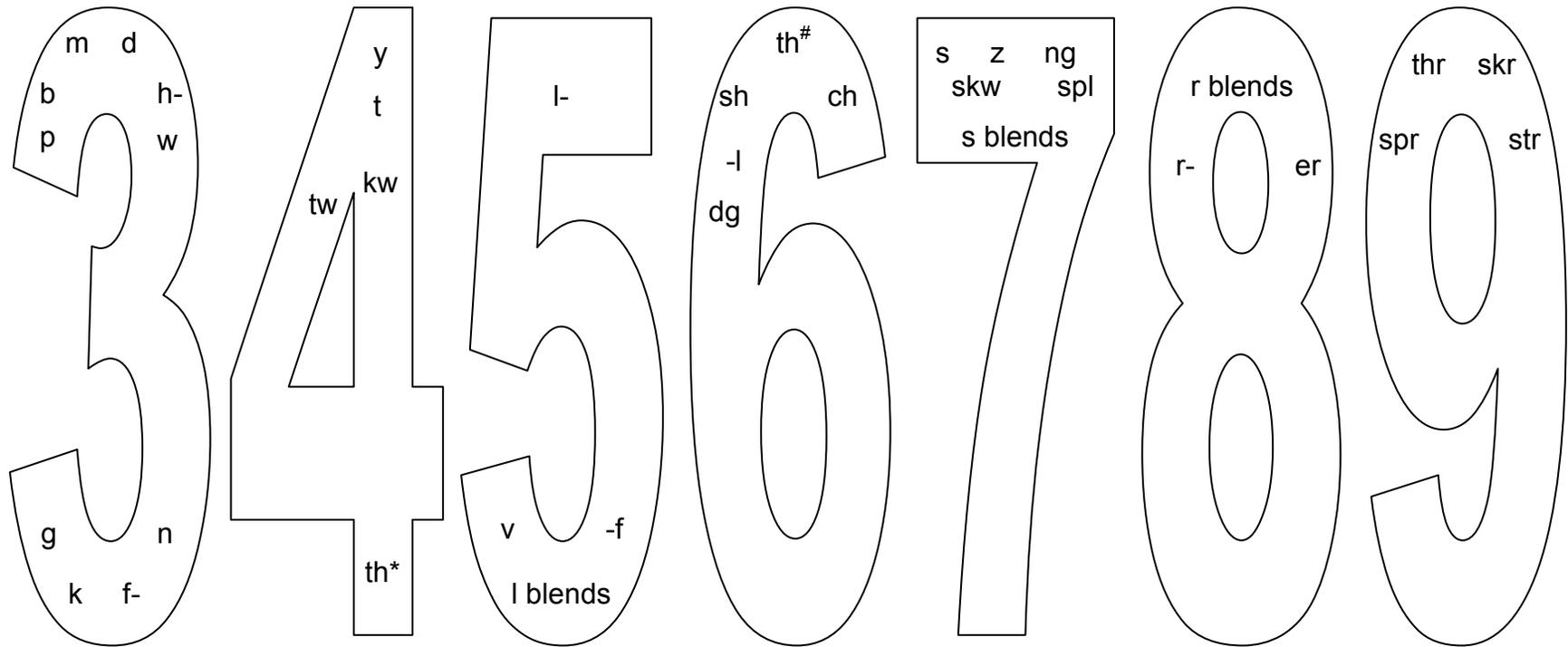
\* voiced th as pronounced in THIS      # voiceless th as pronounced in THIN

<sup>1</sup> Smit, Hand, Freiling, Bernthal, and Bird (1990) *Journal of Speech and Hearing Disorders*, 55, 779-798

<sup>2</sup> Virginia Department of Education (2011) *Speech-Language Pathology Services in Schools: Guidelines for Best Practice*

## Suggested Ages for Acquisition for Girls Based on Iowa Nebraska Norms

The chart below shows recommended ages of acquisition, based on the ages when 90% of English speaking girls produce single sounds (before or after a vowel), consonant blends, and clusters. Sounds acquired during the second half of the year (ex., 3<sup>1/2</sup>, 4<sup>1/2</sup>, etc) are shown at the bottom of each year. Pre and post vocalic positions are noted using the - and all vowel sounds are expected by age 3. This work was originally published by Smit, Hand, Freilinger, Bernthal, and Bird<sup>1</sup> and is considered a recent comprehensive study. Additional information is available from *Speech-Language Pathology Services in Schools: Guidelines for Best Practice*<sup>2</sup>.



\* voiced th as pronounced in THIS      # voiceless th as pronounced in THIN

<sup>1</sup> Smit, Hand, Freilinger, Bernthal, and Bird (1990) *Journal of Speech and Hearing Disorders*, 55, 779-798

<sup>2</sup> Virginia Department of Education (2011) *Speech-Language Pathology Services in Schools: Guidelines for Best Practice*