

# Simple Fraction (Linear Format) Examples with SimBraille

Horizontal fraction line

1. One-half is written

$$\frac{1}{2}$$

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2. Two-thirds is less than three-fourths is written

$$\frac{2}{3} < \frac{3}{4}$$

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3. x over y divided by two over y is written

$$\frac{x}{y} \div \frac{2}{y}$$

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4. y equals negative two-thirds x plus five is written

$$y = -\frac{2}{3}x + 5$$

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5. Open fraction y sub two minus y sub one over x sub two minus x sub one close fraction is written

$$\frac{y_2 - y_1}{x_2 - x_1}$$

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6. Open fraction x plus two over x squared minus four close fraction is written

$$\frac{x + 2}{x^2 - 4}$$

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Diagonal fraction line

7. Three-fourths is written

$$\frac{3}{4}$$

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8. x over y is written

$$\frac{x}{y}$$

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Diagonal fraction line examples with the numerator and the denominator on the same level

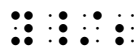
9. Two-thirds is written

$$\frac{2}{3}$$

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10. y over 2 is written

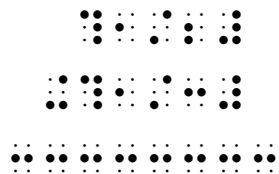
$$y/2$$



Spatial arrangement of fractions written in a linear format with the horizontal fraction line

11. One-half plus one-third is written

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{3} \\ \hline \end{array}$$



12. Three-fourths minus eleven-sixteenths is written

$$\begin{array}{r} \frac{3}{4} \\ - \frac{11}{16} \\ \hline \end{array}$$

