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| Display fractions in a Microsoft Office Excel 2007 spreadsheet |

Learn how to use Microsoft Excel to display fractions in a spreadsheet.

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| [http://www.microsoft.com/education/PublishingImages/265x150/v/V_HT_7_Excel_Fractions_still.jpg](http://wm.microsoft.com/ms/education/videos/02_DisplayFractionsExcel_FINAL_Nov10.wmv)  **Video: Display fractions**  You can format Excel cells to display decimals as fractions. Office Excel 2007 also performs mathematical operations on fractions and reduces and rounds fractions automatically. [**Watch the video**](http://wm.microsoft.com/ms/education/videos/02_DisplayFractionsExcel_FINAL_Nov10.wmv) |

Content body 1

**Change decimals to fractions**

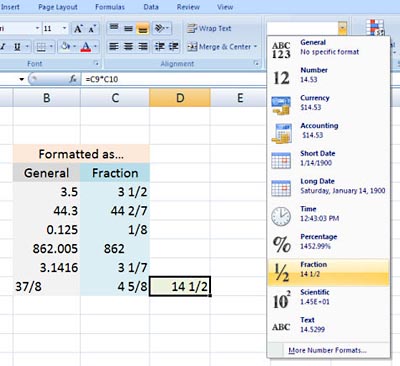
http://www.microsoft.com/education/PublishingImages/ed/07_EXFractions_HT_image1.jpg

After you enter numbers and formulas, you can add formatting or text to make it easier for your students to read. For example, the following figure shows how Office Excel 2007 can be set up to display and calculate fractions.

Content body 2

**To display fractions in an Office Excel 2007 worksheet**

1. On your worksheet, format the cells in which you want to display fractions (before entering any data). Select the cells.
2. On the **Home** tab, in the **Number** group, click the **Number Format** drop-down list, and then click **Fraction**.
3. Type numbers or formulas in the cells, and Excel displays the numbers or results as fractions. For example:
   * To display **5/8**, type **5**, followed by **/**, and then **8**.
   * To display **38 5/8**, type **38**, followed by a space, and then the fraction.
   * To reduce a fraction or to convert a decimal number to a fraction, type the number and press Enter. Excel converts the number automatically and displays the result. For example, **8/24** becomes **1/3**, **37/8** becomes **4 5/8**, and **3.1416** becomes **3 1/7**.
   * To perform mathematical operations on one or more fractions, format all of the cells you want to use as **Fraction**. In separate cells, type the fractions, and then type a formula that uses cell references. For example, in the figure below, the formula in the green cell multiplies the fractions in cells **C9** and **C10** and then displays the result as a fraction.



To modify the way that Office Excel 2007 displays and converts a fraction, click the **Number Format** drop-down list, and then click **More Number Formats**.