

Espressioni con word

Quello che propongo di fare è di svolgere un'espressione aritmetica con il programma word.

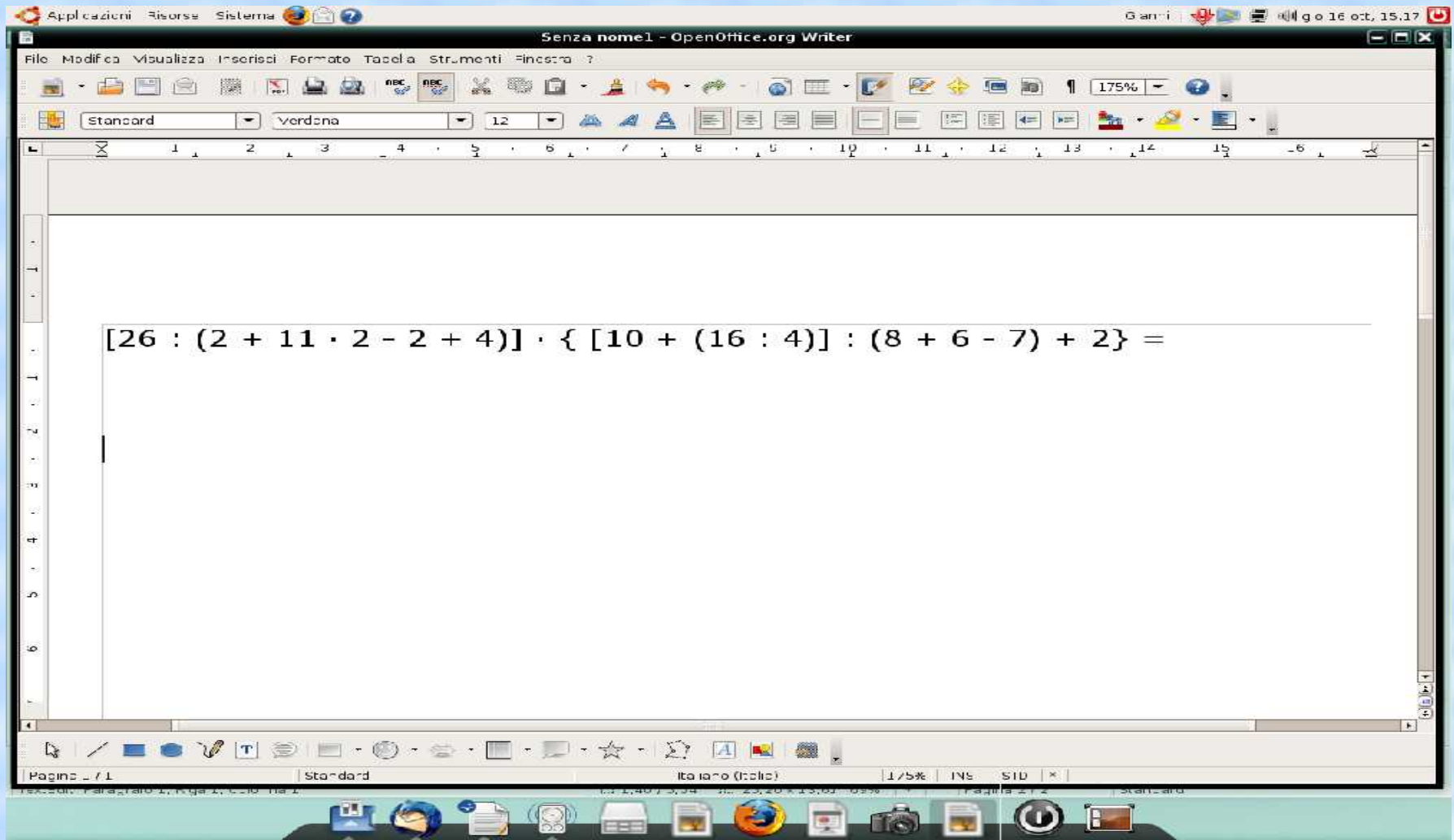
In realtà io userò il programma Writer, che fa parte del pacchetto Open office, un pacchetto software open source.

Cosa vuol dire?

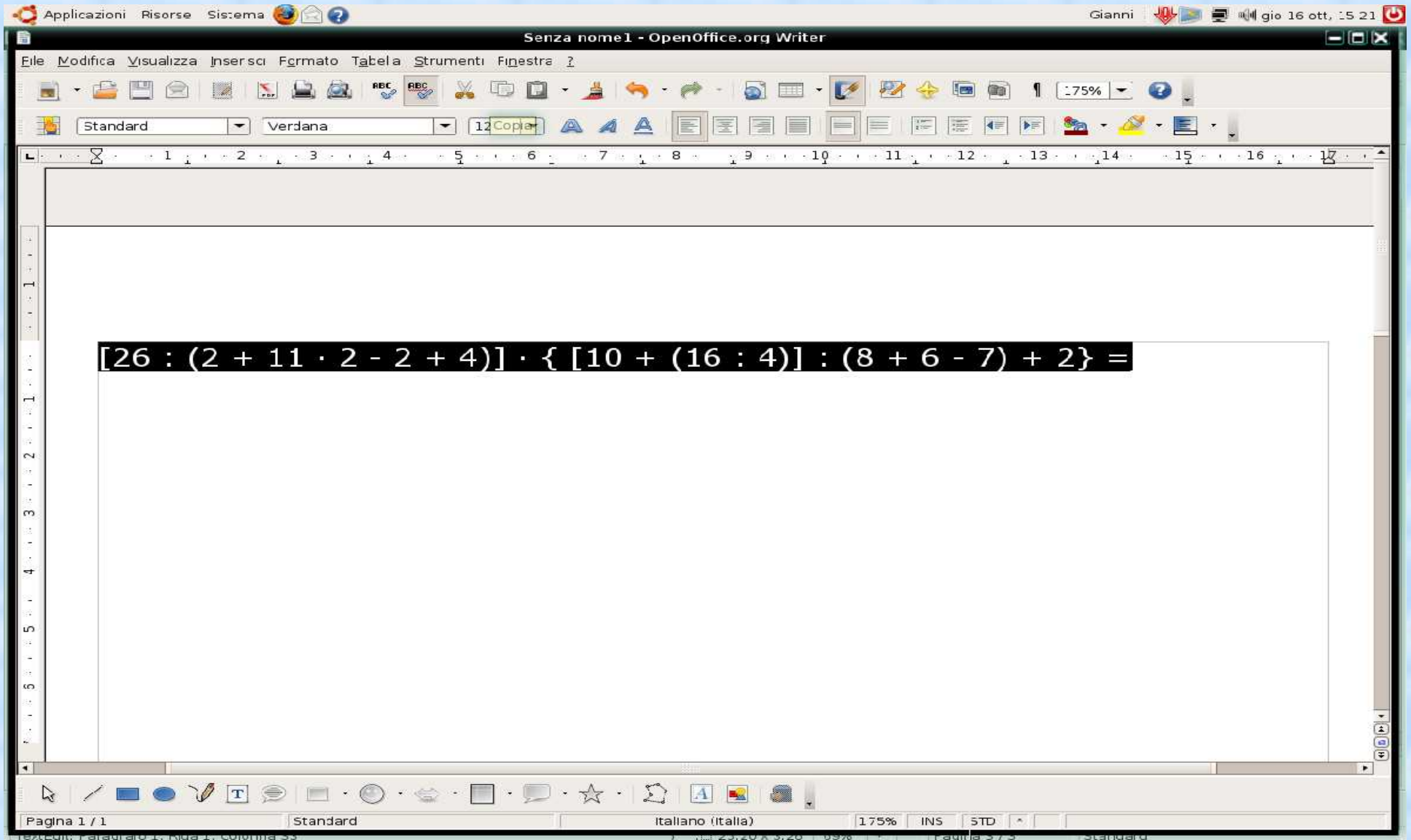
Significa che i programmi sono liberamente e gratuitamente scaricabili da internet da chiunque e disponibili nelle versioni Windows, Mac osx e Linux. Attualmente è arrivato alla versione 3.0.

Le operazioni qui descritte sono facilmente applicabili anche ad altri word processor.

Per prima cosa digitiamo l'espressione

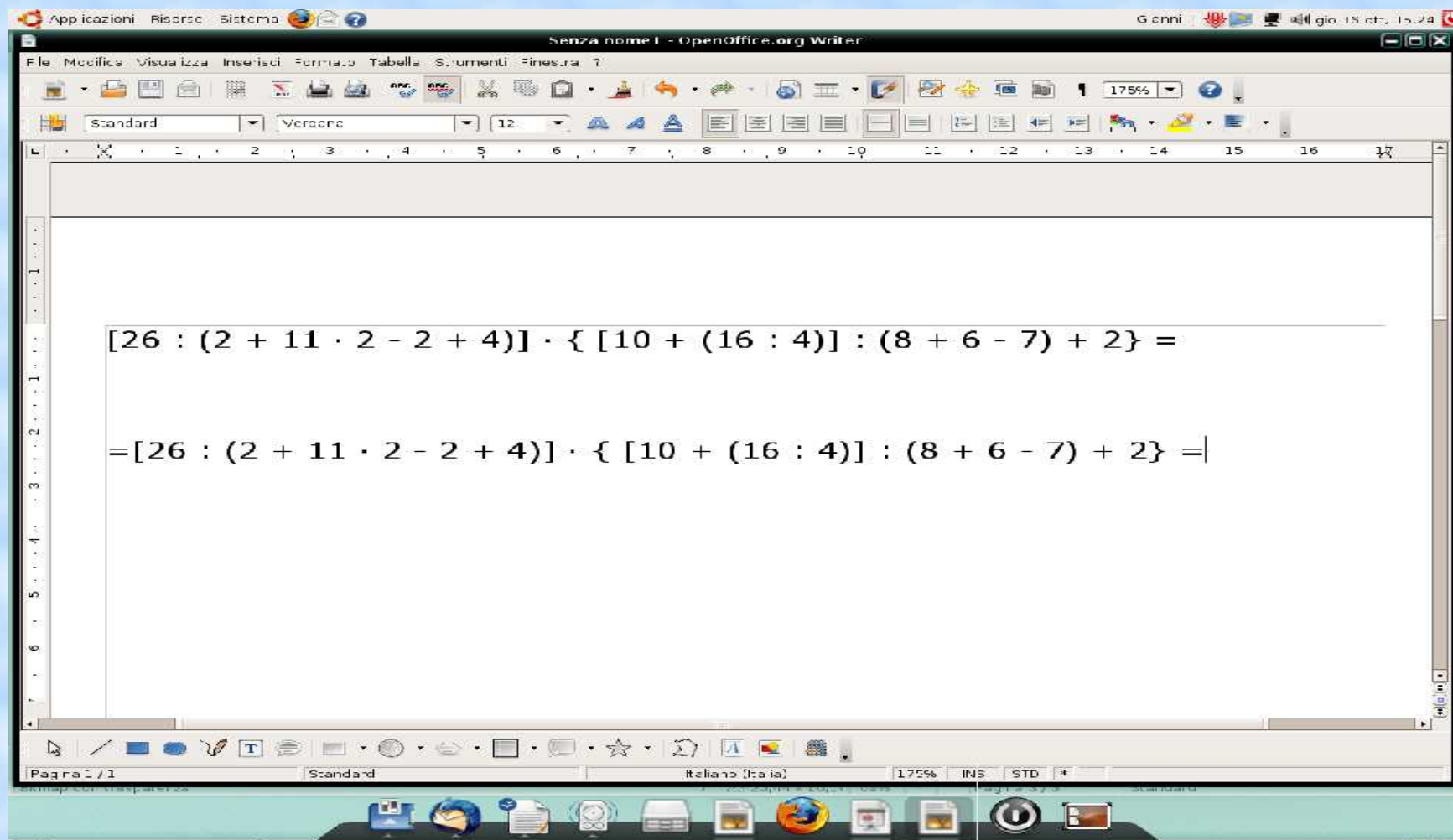


Quindi evidenziamola e copiamola

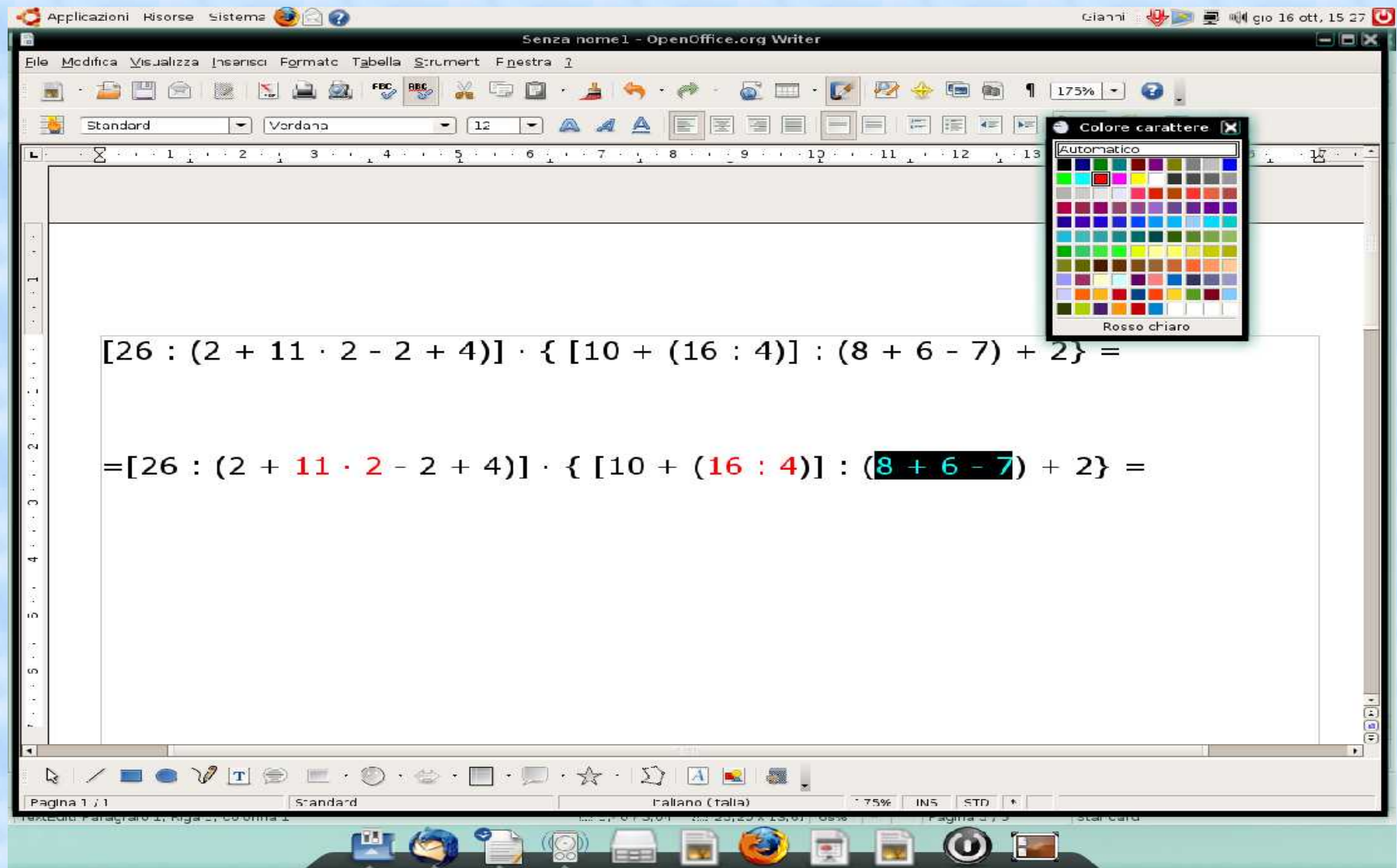


The screenshot shows the OpenOffice.org Writer application window. The title bar reads "Senza nome1 - OpenOffice.org Writer". The menu bar includes "File", "Modifica", "Visualizza", "Inserisci", "Formato", "Tabela", "Strumenti", and "Finestra". The toolbar contains various icons for file operations, editing, and formatting. The status bar at the bottom indicates "Pagina 1 / 1", "Standard", "Italiano (Italia)", "175%", "INS", "STD", and "Standard". The main text area contains the mathematical expression $[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$, which is highlighted in black. The text "12 Copia" is visible in the toolbar area.

Andiamo in basso di due righe ed incolliamola



Evidenziamo di rosso le operazioni da fare



The screenshot shows the OpenOffice.org Writer application window. The title bar reads "Senza nome1 - OpenOffice.org Writer". The menu bar includes "File", "Modifica", "Visualizza", "Inserisci", "Formato", "Tabella", "Strumenti", and "Finestra". The toolbar contains various icons for file operations and editing. The status bar at the bottom indicates "Pagina 1 / 1", "Standard", "Italiano (Italia)", "75%", "INS", "STD", and "StarCard".

The main text area contains a mathematical expression:

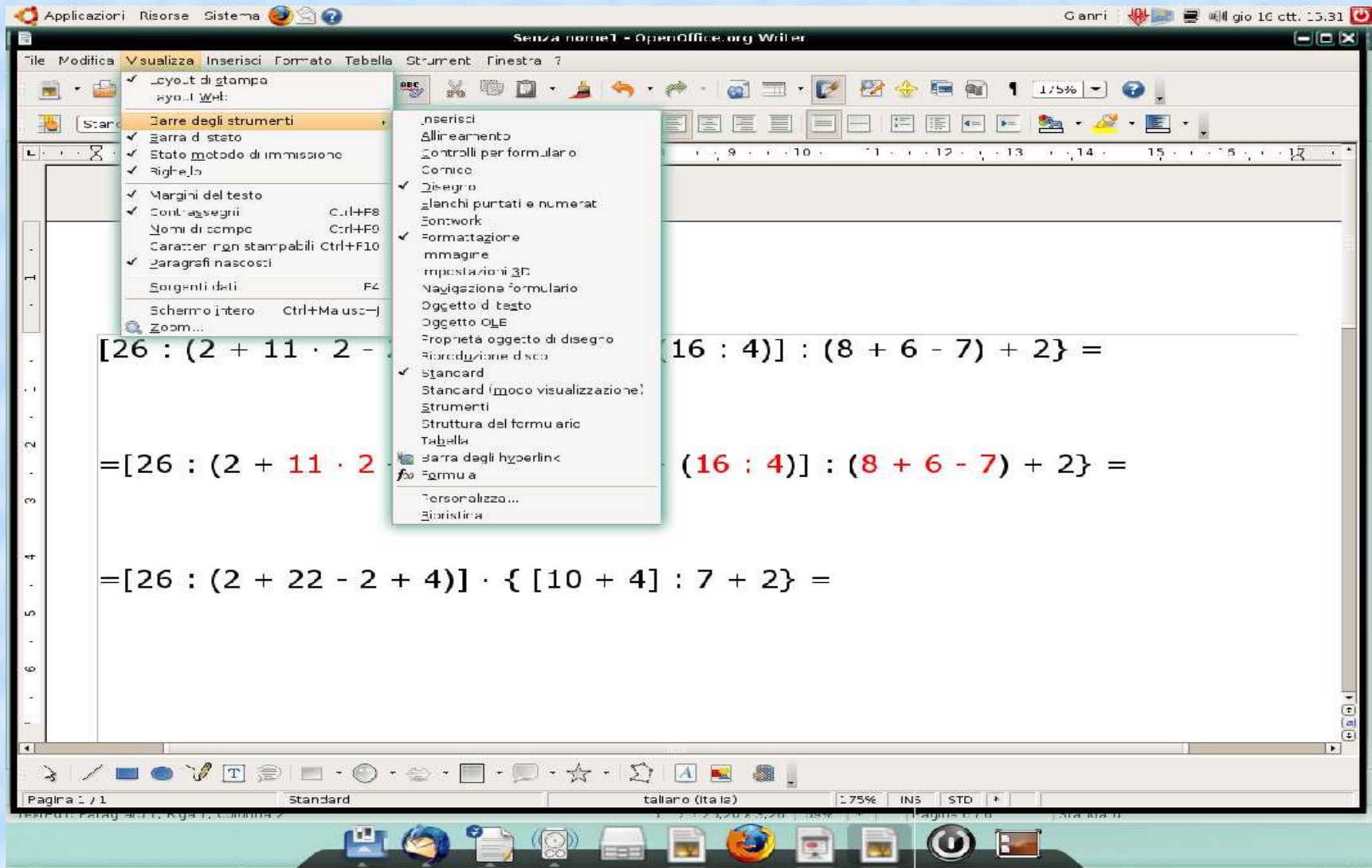
$$[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$$

The second line of the expression shows the same formula with parts highlighted:

$$=[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$$

The number "11" is highlighted in red. The number "2" following it is also highlighted in red. The number "16" is highlighted in red. The numbers "8" and "6" are highlighted in black. The number "7" is highlighted in black. A "Colore carattere" (Character Color) palette is open over the text, showing a grid of color swatches. The "Automatico" (Automatic) color is selected, and the label "Rosso chiaro" (Light Red) is visible at the bottom of the palette.

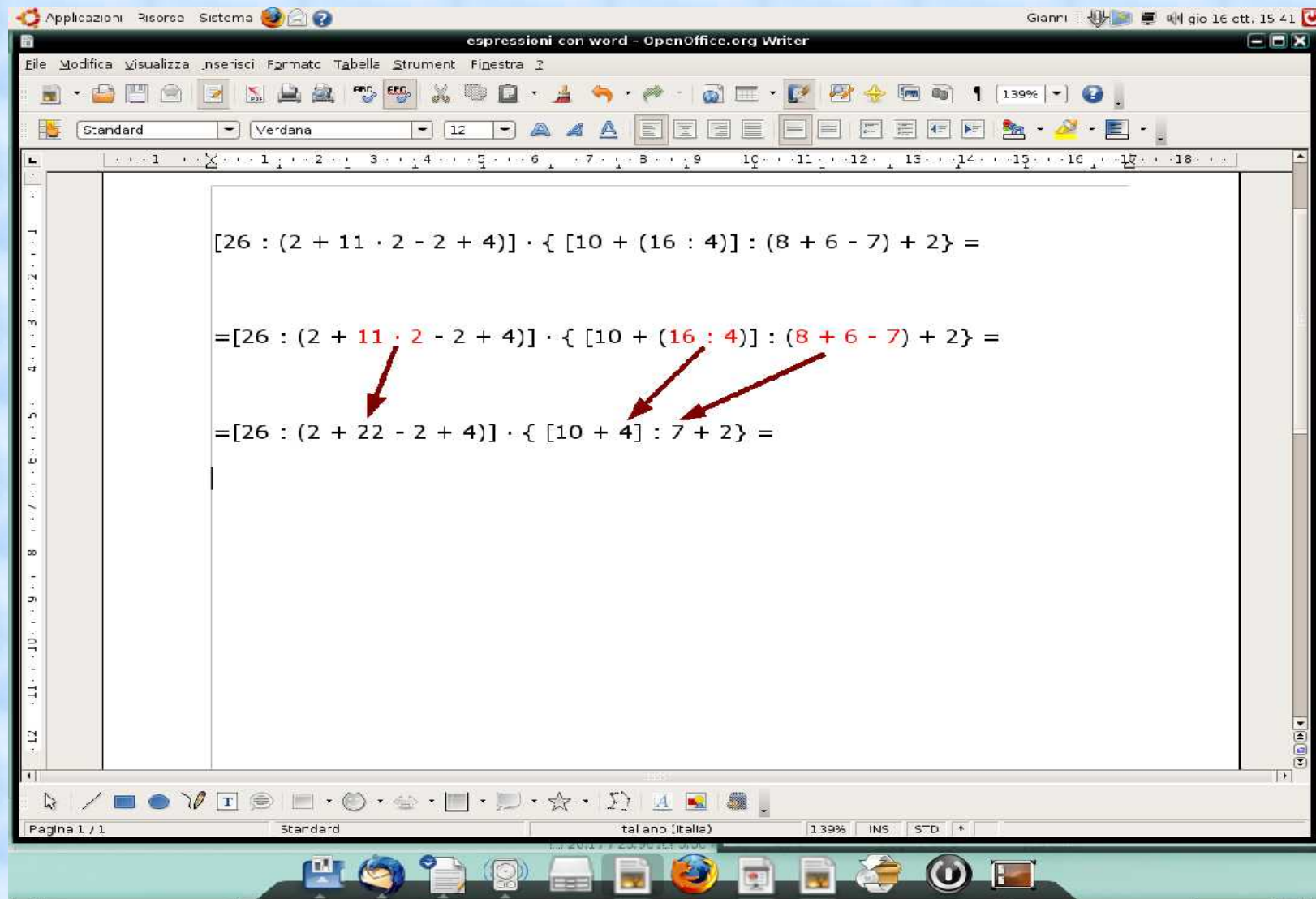
Copiamo tutta la riga ed al posto delle operazioni in rosso scriviamo il risultato. Controlliamo nel menù visualizza – barre degli strumenti sia spuntato disegno. Nella parte bassa dello schermo clicchiamo sulla linea



Disegniamo una linea che unisce la prima operazione con il suo risultato poi nel menù che compare selezioniamo la freccia lo spessore ed il colore adeguati.

The screenshot shows the OpenOffice.org Writer interface. The main window displays a mathematical formula: $(2 + 11 \cdot 2 - 2 + 4) \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$. Below this, the result of the calculation is shown: $= [26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$. A red line is drawn from the number 11 in the second line to the number 22 in the third line, indicating the result of the multiplication. The 'Estre...' (Borders) menu is open on the left side of the window, showing various border and line styles. The status bar at the bottom indicates 'Pagina 1 / 1', 'Standard', '175%', 'INS', 'STD', and 'L. 2,99 / 0,03'.

Copiando, incollando e poi spostando la freccia otterremo questo risultato



The screenshot shows the OpenOffice Writer interface with a document titled "espressioni con word". The document contains three lines of mathematical expressions:

$$[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$$
$$=[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$$
$$=[26 : (2 + 22 - 2 + 4)] \cdot \{ [10 + 4] : 7 + 2 \} =$$

Red arrows indicate the editing process: one arrow points from the "11" in the second line to the "22" in the third line, and two arrows point from the "(16 : 4)" in the second line to the "[10 + 4]" in the third line, demonstrating the result of copying and pasting text and then repositioning the cursor.

Copiamo l'ultimo rigo ed evidenziamo di rosso le operazioni da eseguire

The screenshot shows the OpenOffice Writer interface with a document titled "espressioni con word". The document contains three lines of a mathematical expression, with red arrows indicating the operations to be performed in the next step.

Line 1: $= [26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$

Line 2: $= [26 : (2 + 22 - 2 + 4)] \cdot \{ [10 + 4] : 7 + 2 \} =$

Line 3: $= [26 : (2 + 22 - 2 + 4)] \cdot \{ [10 + 4] : 7 + 2 \} =$

The interface includes a menu bar (File, Modifica, Visualizza, Inserisci, Formato, Tabella, Strumenti, Finestra), a toolbar, and a status bar at the bottom showing "Pagina 1 / 1", "Standard", "Italiano (Italia)", and "100%".

Si prosegue poi ripetendo gli stessi passaggi fino a concludere l'espressione

The screenshot shows the OpenOffice Writer interface with a document titled "espressioni con word". The document contains a mathematical expression being simplified step-by-step. Red arrows point to the parts of the expression that are being simplified in each step.

The steps shown are:

$$\begin{aligned} &= [26 : 26] \cdot \{ [10 + 4] : 7 + 2 \} = \\ &= [26 : 26] \cdot \{ [10 + 4] : 7 + 2 \} = \\ &= 1 \cdot \{ 14 : 7 + 2 \} = \\ &= 1 \cdot \{ 14 : 7 + 2 \} = \\ &= 1 \cdot \{ 2 + 2 \} = \\ &= 1 \cdot \{ 2 + 2 \} = \\ &= 1 \cdot 4 = \\ &= 1 \cdot 4 = \\ &= 4 \end{aligned}$$

The interface includes a menu bar (File, Modifica, Visualizza, Inserisci, Formato, Tabella, Strumenti, Finestra), a toolbar, and a status bar at the bottom showing "Pagina 1 / 1".

Ora esegui queste due espressioni:

$$[26 : (2 + 11 \cdot 2 - 2 + 4)] \cdot \{ [10 + (16 : 4)] : (8 + 6 - 7) + 2 \} =$$

$$51 \div \{ 12 + 3 \cdot [2 \cdot 18 - 9 \cdot (24 \div 6 - 2) \div 6] - 60 \} + 7 =$$