| fixed decimal | right-aligned | scientific             | decimal- |
|---------------|---------------|------------------------|----------|
| places        |               | notation               | aligned  |
| 123498.7600   | 123500        | $1.235\times10^5$      | 123500   |
| 12349.8760    | 12350         | $1.235\times10^4$      | 12350    |
| 1234.9876     | 1235          | $1.235\times10^3$      | 1235     |
| 123.4988      | 123.5         | $1.235\times10^{2}$    | 123.5    |
| 12.3499       | 12.35         | $1.235\times10^{1}$    | 12.35    |
| 1.2350        | 1.235         | $1.235 \times 10^{0}$  | 1.235    |
| 0.1235        | 0.1235        | $1.235 \times 10^{-1}$ | .1235    |
| 0.0123        | 0.01235       | $1.235 \times 10^{-2}$ | .01235   |
| 0.0012        | 0.001235      | $1.235 \times 10^{-3}$ | .001235  |
| 0.0001        | 0.0001235     | $1.235 \times 10^{-4}$ | .0001235 |
| 0.0010        | 0.0009876     | $9.876 \times 10^{-4}$ | .0009876 |
| 0.0099        | 0.009876      | $9.876 \times 10^{-3}$ | .009876  |
| 0.0988        | 0.09876       | $9.876 \times 10^{-2}$ | .09876   |
| 0.9876        | 0.9876        | $9.876 \times 10^{-1}$ | .9876    |
| 9.8761        | 9.876         | $9.876 \times 10^{0}$  | 9.876    |
| 98.7612       | 98.76         | $9.876\times10^{1}$    | 98.76    |
| 987.6123      | 987.6         | $9.876\times10^{2}$    | 987.6    |