**Standard Form for Large Numbers**

Write each of the following numbers in standard form:

(a) $6000$ (b) $40000$

(c) $500$ (d) $90000000$

(e) $3700$ (f) $5100000$

(g) $40$ (h) $780$

(i) $2890$ (j) $3.8$

Write each of these standard form numbers as ordinary numbers:

(a) $3×10^{5}$ (b) $8×10^{2}$

(c) $7×10^{8}$ (d) $2×10^{4}$

(e) $5.4×10^{4}$ (f) $2.3×10^{6}$

(g) $6×10^{1}$ (h) $8.5×10^{3}$

(i) $7.2×10^{0}$ (j) $4.23×10^{5}$

Copy and complete the table:

|  |  |
| --- | --- |
| Ordinary Number | Standard Form |
| $$630000$$ |  |
|  | $$7.9×10^{3}$$ |
|  | $$1.34×10^{5}$$ |
| $$223$$ |  |
|  | $$3.15×10^{1}$$ |

Put these numbers in order, smallest to biggest:

(a) $56000, 5.8×10^{3}, 5.2×10^{4} $

(b) $1.12×10^{4}, 102000, -1.2×10^{5} $

(c) $3.22, 3.32×10^{0}, 3.2×10^{1} $

Convert these numbers into standard form:

(a) $200×10^{2}$ (b) $30×10^{6}$

(c) $75×10^{4}$ (d) $389×10^{5}$

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