

5-5
6-11

57,054

$$(5 \times 10^4) + (7 \times 10^3) + (5 \times 10^1) + (4 \times 10^0)$$

↑ ↑ ↑ ↑
10,000 1,000 10 1

Scientific Notation

- helps write big or small #'s
- # has to be between 0 and 10

42,000,000

$$4.2 \times 10^7$$

142,000,000

$$1.42 \times 10^8$$

0.000203

$$2.03 \times 10^{-4}$$

0.000005

$$5.0 \times 10^{-6}$$

10/27 Homework
Pg. 141

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