

Chapter 1.4

Real Numbers & the Number Line

Sets

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(eg)

Natural Numbers

Whole Numbers

Integers

Rational Numbers

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-
-
-

(eg)

Irrational Numbers

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Ⓔg

Real Numbers

Ⓔg

Flow Chart of Real Numbers

Operations with Decimals (from Appendix B)

I. Addition & Subtraction

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Ⓔg $68.9 + 42.72 + 8.973 =$

Ⓔg $351.8 - 2.706 =$

II Multiplying

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(Eg) $300.2 * 0.052 =$

III Dividing

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(Eg) $451.47 \div 14.9$

IV Percents

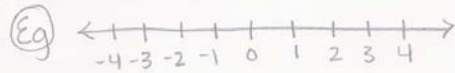
(Eg) Convert 310% to decimal.

(Eg) Convert 0.685 to a percent.

(Eg) Find 20% of 175.

(Eg) 90 is what percent of 360?

Additive Inverse



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(Eg) Find the additive inverse of 5.

(Eg) Find the additive inverse of -6.

Identifying Additive Inverses

Double Negative Rule

(Eg) I will not never have a car.

Absolute Value

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•
•
•

$$\textcircled{e} |7| =$$

$$\textcircled{1} |0| =$$

$$\textcircled{2} -|-7| =$$

$$\textcircled{3} -|32-2| =$$

Order of Real Numbers