

Calculus Summer School

Your friendly math teacher

2011

Chapter 1

Elementary Operations

1.1 Adding Natural Numbers

WARMING UP

1. How much is $1 + 2$?
2. And what about $6 + 8$?

Now you are ready to dive into the math.

1.2 Real Numbers

WARMING UP

1. Compute $12.4 + 9.6$.
2. Use your pocket calculator to evaluate $3.0 \times (1.0/3.0)$.

Enjoy computing with real numbers. Soon we'll introduce $i \dots$

Appendix A

Solutions

Section 1.1

QUESTION 1

Q: How much is $1 + 2$?

A: 3

QUESTION 2

Q: And what about $6 + 8$?

A: 14

Section 1.2

QUESTION 1

Q: Compute $12.4 + 9.6$.

A: 22.0

QUESTION 2

Q: Use your pocket calculator to evaluate $3.0 \times (1.0/3.0)$.

A: 0.99999