

## Solutions

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**2.1**  $7^7$ .

**2.2**  $5.2 \times 10^{-4}$ .

**2.3**  $400 \times 30; = 12\,000$ .

**3.1**  $3 \div 6 = 0.5$ ;  $10^4 \div 10^{-3} = 10^7$ ;  $= 0.5 \times 10^7 = 5 \times 10^6$ .

**3.2**  $\sqrt{48} = 4\sqrt{3}$ ;  $\sqrt{27} = 3\sqrt{3}$ ; sum  $= 7\sqrt{3}$ .

**3.3** UBs: 3.65 and 1.25; total  $= 3.65 + 1.25; = 4.9$  kg.