

BC Math 6 SNAP 2008–2009 Edition

ERRATA 1.

On page 12, under the heading “Factors”, the equation is written $6 \times 5 = 12$. It should be $6 \times 5 = 30$ as follows:

Factors

Numbers multiplied together to form a product are called factors.

$$\begin{array}{ccccccc} 6 & \times & 5 & = & 30 \\ \uparrow & & \uparrow & & \uparrow \\ \text{Factor} & & \text{Factor} & & \text{Product} \end{array}$$

ERRATA 2.

On page 13, in the section “Common Factors,” the number 6 is missing from the factors of 30. The last equation listing the factors of 30 is erroneously written $30 = 5 \times 5$. It should be $30 = 5 \times 6$. The list of factors of 30 should include 6 and therefore, the greatest common factor of 18 and 30 should be 6 (not 3).

With the corrections, the section on common factors should be as follows:

Common factors are factors that are the same for two or more numbers. To find the common factors of 18 and 30, you need to start by finding the factors of each number.

The factors of 30 are

$$30 = 1 \times 30$$

$$30 = 2 \times 15$$

$$30 = 3 \times 10$$

$$30 = 5 \times 6$$

The factors of 30 are 1, 2, 3, 5, 6, 10, 15, 30

Look at the factors of 18 and 30. Which factors are the same?

Factors of 18: 1, 2, 3, 6, 9, 18

Factors of 30: 1, 2, 3, 5, 6, 10, 15, 30

The factors that 18 and 30 have in common are 1, 2, 3, and 6. The greatest common factor (GCF) is the common factor that is the largest: 6 is the greatest common factor of 18 and 30.

ERRATA 3

On Page 77, question number four, the question should read:

The students of Kateri Mission School were collecting food for the food bank at Thanksgiving. On the first day, they collected 5 cans; on the second day, they collected 25 cans; and on the third day, they collected 45 cans. If the number of cans they collect each day continues according to this pattern, how many cans will they collect on the eighth day? How many cans will they have collected in total on the eighth day?

ERRATA 4

Page 95 in the workbook: Lesson 1

At the bottom of the page it should read:

$$10 \text{ mm} = 1 \text{ cm}$$

$$100 \text{ cm} = 1 \text{ m}$$
$$1\ 000 \text{ m} = 1 \text{ km}$$

ERRATA 5

On page 5 in the Solution Manual and page 213 in the workbook, question 7 should read:

7. a) $37/7$
b) $29/9$
c) $46/6$

ERRATA 6

On page 10 in the Solution Manual and page 216 in the workbook, the solution for Practice Quiz 1 a) has an incorrect diagram.

Figure 5 should have 10 hexagons going down (vertically).

ERRATA 7

On page 11 in the Solution Manual and page 217 in the workbook, the solution to Lesson 1, question 1 c) should read:

$$0.004 \text{ kg}$$
$$4.0 \div 1\ 000 = 0.004 \text{ kg}$$

ERRATA 8

On page 12 in the solution manual, the solution to question 4 should read:

\$40.53

The first step is to calculate how much money they spent per item.
They bought 548 g of cheese. The cheese cost \$1.50 per 100 g.
There are 5 parts of 100 g in 548 and .48 extra.

We then multiply 1.50 by 5.48 to get a total of \$8.22.
They spent \$8.22 on cheese.

The wieners cost \$1.25 per 75 g. They bought 450.
There are 6 parts of 75 g in 450: therefore, we multiply \$1.25 by 6
to get an answer of \$7.50.

The steak cost \$3.25 per 100. They purchased 600 g of steak.
There are 6 groups of 100 in 600, so we multiply 6 by \$3.25
to get an answer of \$19.50.

They also bought 400 g of lunchmeat. The lunchmeat cost \$0.75 per 100.
There are 3 groups of 100 g in 300 and 0.75 extra so we multiply 3.75 by \$0.75
to get an answer of \$2.82.

Lastly, they bought 2 L of milk at a cost of \$1.25 per litre. They spent \$2.50 on milk.

The last step is to add up the total cost of all the items.
 $\$8.22 + \$7.50 + \$19.50 + \$2.81 + \$2.50 = \$40.53.$

Ron and Jenna spent \$40.53 on groceries.

ERRATA 9

Page 15 in the Solution Manual and page 219 in the workbook: Lesson 3 question e)

The answer is 114 cm^2 .
 $96 \text{ cm}^2 + 18 \text{ cm}^2 = 114 \text{ cm}^2$

ERRATA 10

In the Solution Manual, on page 20, Lesson 1, question 4 a), the solution contains two “50”s. The solution should read:

21, 23, 27, 34, 35, 38, 45, 45, 46, 47, 49, 50, 50, 57, 58

The stem-and-leaf plot in the solution is correct.

ERRATA 11

In the Solution Manual, on page 21, Lesson 2, question 6, the solution should read:

“The outcome of rolling an even number is 5 out of 10. This would be 0.50.”