

Answers

1.
 - a. $132 \underline{6}78,93546 = 132\ 700$
 - b. $132 \underline{67}8,93546 = 132\ 680$
 - c. $132 \underline{678},93546 = 133\ 000$
 - d. $132 \underline{678},93546 = 132\ 679$
 - e. $\underline{1}32\ 678,93546 = 100\ 000$
 - f. $\underline{13}2\ 678,93546 = 130\ 000$
 - g. $132\ 678,\underline{9}3546 = 132\ 678,94$
 - h. $132\ 678,\underline{93}546 = 132\ 678,9355$
 - i. $132\ 678,\underline{93}546 = 132\ 678,9$

2. $A = L \times B$
 $= 2,65 \times 2,65$
 $= 7,0225$
 $= \underline{7,02\ m^2}$

3. $V = L \times B \times H$
 $= 12,35 \times 12,35 \times 12,35$
 $= 1\ 883,652875$
 $= \underline{1\ 883,7\ cm^3}$

4. $L = \sqrt{43,57}$
 $= 6,600757532$
 $= \underline{6,6\ m}$

5. $L = \sqrt[3]{1\ 233,576}$
 $= 10,72478605$
 $= \underline{10,72\ cm}$

6. $168 \div 25 = 6,72$
 $= 6\ \text{sweets per child (we cannot round up to the nearest whole as there won't be enough sweets)}$

7. $480 \div 4 = 120\ \text{bricks per person.}$
 $735 \div 120 = 6,125$
 $= 7\ \text{people (we have to round up or there won't be enough people for the number of bricks)}$

8. Janice rounded off at the beginning of the sum instead of at the end.
 $4,55 \times 15\ 000 = 68\ 250$
 $68\ 250 \div 100 = 682,5$
 $= \underline{683\ m}$