





Page	Answers
94	<p>(1) We need to divide by <u>1 000</u>. $\underline{4\,506} + \underline{1\,000} = \underline{4\,506}$ So, the bag of oranges weighs <u>4,506</u> kg.</p> <p>(2) $\underline{2} + \underline{0.07} = \underline{2.07}$ $\underline{0.07} \times \underline{1\,000} = \underline{70}$ So, the length of the road is <u>2</u> km <u>70</u> m.</p> <p>(3) We need to divide by <u>1 000</u>. $\underline{10\,539} + \underline{1\,000} = \underline{10\,539}$ So, the volume of water is <u>10,539</u> l.</p>

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95	<p>(a) <u>2,69</u> kg (b) <u>1 200</u> mm (c) <u>6,323</u> l (d) <u>0,41</u> m (e) <u>309</u> g (f) <u>2</u> l <u>444</u> ml (g) <u>1</u> km <u>40</u> m (h) <u>32</u> kg <u>1</u> g (i) <u>6</u> cm <u>9</u> mm (j) <u>431</u> kg <u>200</u> g</p>

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101	<p>(1) (a)  <input type="checkbox"/> grams <input checked="" type="checkbox"/> kilograms</p> <p>(b)  <input checked="" type="checkbox"/> grams <input type="checkbox"/> kilograms</p> <p>(c)  <input checked="" type="checkbox"/> grams <input type="checkbox"/> kilograms</p> <p>(d)  <input type="checkbox"/> grams <input checked="" type="checkbox"/> kilograms</p>

101	<p>(a) <u>1.85</u> kilograms = <u>1850</u> grams</p> <p>(b) <u>3.45</u> kilograms = <u>3450</u> grams</p> <p>(c) <u>0.85</u> kilograms = <u>850</u> grams</p>
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103	<p>(1) (a) 650 ml (b) 830 ml (c) 420 ml</p> <p>(2) 820 ml</p>

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104	<p>(1) (a) 1.25 l (d) 1.45 l (g) 2.065 l</p> <p>(2) (a) 3000 ml (d) 15000 ml (g) 8450 ml</p>	<p>(b) 7.5 l (e) 10.5 l (h) 8.005 l</p> <p>(b) 4500 ml (e) 6475 ml (h) 2010 ml</p>	<p>(c) 3.95 l (f) 4.465 l</p> <p>(c) 2550 ml (f) 4005 ml</p>

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225	<p>(1) Perimeter = $(2 \times \text{length}) + (2 \times \text{width})$ $= (2 \times 30 \text{ cm}) + (2 \times 22 \text{ cm})$ $= 60 \text{ cm} + 44 \text{ cm}$ $= 104 \text{ cm}$</p>
226	<p>(2) $C = 4 \text{ cm} - 3 \text{ cm}$ $= 1 \text{ cm}$ $F = 5 \text{ cm} + 6 \text{ cm}$ $= 11 \text{ cm}$ Perimeter = $3 \text{ cm} + 5 \text{ cm} + 1 \text{ cm} + 6 \text{ cm}$ $+ 4 \text{ cm} + 11 \text{ cm}$ $= 30 \text{ cm}$</p>
227	<p>(3) $B = 4 \text{ cm} + 4 \text{ cm} + 4 \text{ cm}$ $= 12 \text{ cm}$ Perimeter = $6 \text{ cm} + 12 \text{ cm} + 5 \text{ cm} + 4 \text{ cm} + 2 \text{ cm}$ $+ 4 \text{ cm} + 3 \text{ cm} + 4 \text{ cm}$ $= 40 \text{ cm}$</p>

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231	<p>(1) (a) width, 3 m, 12 (b) length, width, 4 cm, 6 cm, 24 (c) side, side, 8 m, 8 m, 64</p>
232	<p>(2) Blue rectangle Red rectangle Area = $3 \text{ cm} \times 2 \text{ cm}$ Area = $3 \text{ cm} \times 10 \text{ cm}$ $= 6 \text{ cm}^2$ $= 30 \text{ cm}^2$</p> <p>Green rectangle Total area = $6 + 30 + 6$ Area = $2 \text{ cm} \times 3 \text{ cm}$ $= 42 \text{ cm}^2$ $= 6 \text{ cm}^2$</p>
233	<p>(3) (a) 87 cm^2 (b) 86 cm^2</p>