

Worksheet

04/06/2019

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Problem quickname: 4491

1)

Write the amount using these units: km^2 , m^2 , dm^2 , cm^2 , mm^2 (Example: $12345 \text{ mm}^2 = 123.45 \text{ cm}^2$).

- a) $100 \text{ cm}^2 = 1 \text{ dm}^2$ b) $100 \text{ mm}^2 = 1 \text{ cm}^2$ c) $99 \text{ cm}^2 = 99 \text{ cm}^2$
 d) $100 \text{ cm}^2 = 1 \text{ dm}^2$ e) $12277 \text{ m}^2 = 12277 \text{ m}^2$ f) $100 \text{ cm}^2 = 1 \text{ dm}^2$
 g) $100 \text{ mm}^2 = 1 \text{ cm}^2$ h) $100 \text{ dm}^2 = 1 \text{ m}^2$ i) $99 \text{ dm}^2 = 99 \text{ dm}^2$
 j) $100 \text{ dm}^2 = 1 \text{ m}^2$

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2)

Convert to the unit shown in round brackets.

- a) $6 \text{ dm } 1 \text{ cm (cm)} = 61 \text{ cm}$ b) $40 \text{ km } 306 \text{ m (m)} = 40306 \text{ m}$
 c) $43 \text{ m } 1 \text{ dm (dm)} = 431 \text{ dm}$ d) $9 \text{ m } 2 \text{ dm } 9 \text{ cm (cm)} = 929 \text{ cm}$
 e) $46 \text{ km } 485 \text{ m (m)} = 46485 \text{ m}$ f) $24 \text{ m } 5 \text{ dm (dm)} = 245 \text{ dm}$
 g) $56 \text{ m (dm)} = 560 \text{ dm}$ h) $24 \text{ m } 1 \text{ dm (dm)} = 241 \text{ dm}$
 i) $3 \text{ dm } 7 \text{ cm (cm)} = 37 \text{ cm}$ j) $2 \text{ m } 1 \text{ dm } 5 \text{ cm (cm)} = 215 \text{ cm}$

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3)

Convert to the unit shown in round brackets.

- a) $83 \text{ kg } 32 \text{ g (g)} = 83032 \text{ g}$ b) $62 \text{ t } 610 \text{ kg (kg)} = 62610 \text{ kg}$
 c) $97 \text{ t } 265 \text{ kg (kg)} = 97265 \text{ kg}$ d) $69 \text{ kg } 321 \text{ g (g)} = 69321 \text{ g}$
 e) $21 \text{ kg } 797 \text{ g (g)} = 21797 \text{ g}$ f) $30 \text{ kg } 674 \text{ g (g)} = 30674 \text{ g}$
 g) $13 \text{ t } 512 \text{ kg (kg)} = 13512 \text{ kg}$ h) $65 \text{ kg } 505 \text{ g (g)} = 65505 \text{ g}$
 i) $91 \text{ t } 641 \text{ kg (kg)} = 91641 \text{ kg}$ j) $21 \text{ t } 921 \text{ kg (kg)} = 21921 \text{ kg}$

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4)

Write the amount using these units: d, h, min, s (Example: $77 \text{ min} = 1 \text{ h } 17 \text{ min}$).

- a) $3373 \text{ s} = 56 \text{ min } 13 \text{ s}$ b) $2130 \text{ min} = 1 \text{ d } 11 \text{ h } 30 \text{ min}$
 c) $4595 \text{ s} = 1 \text{ h } 16 \text{ min } 35 \text{ s}$ d) $5778 \text{ min} = 4 \text{ d } 18 \text{ min}$ e) $607 \text{ s} = 10 \text{ min } 7 \text{ s}$
 f) $1865 \text{ min} = 1 \text{ d } 7 \text{ h } 5 \text{ min}$ g) $353 \text{ h} = 14 \text{ d } 17 \text{ h}$ h) $1393 \text{ s} = 23 \text{ min } 13 \text{ s}$
 i) $1839 \text{ min} = 1 \text{ d } 6 \text{ h } 39 \text{ min}$ j) $5067 \text{ s} = 1 \text{ h } 24 \text{ min } 27 \text{ s}$

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Good Luck!