

Exercise 16 (A)

Date _____

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~~1) Draw~~

1) Express in m, dm, cm and mm

a) $8.425 \text{ m} = 84.25 \text{ dm} \quad 842.5 \text{ cm} \quad 8425 \text{ mm}$

b) $7.75 = 77.5 \text{ dm} \quad 775 \text{ cm} \quad 7750 \text{ mm}$

c) $27.078 \text{ m} = 270.78 \text{ dm} \quad 2707.8 \text{ cm} \quad 27078 \text{ mm}$

d) $52.064 \text{ m} = 520.64 \text{ dm} \quad 5206.4 \text{ cm} \quad 52064 \text{ mm}$

e) $0.6 \text{ m} = 6 \text{ dm} \quad 60 \text{ cm} \quad 600 \text{ mm}$

f) $0.009 = 0.09 \text{ dm} \quad 0.9 \text{ cm} \quad 9 \text{ mm}$

g) $1.050 \text{ m} = 10.50 \text{ dm} \quad 105.0 \text{ cm} \quad 1050 \text{ mm}$

h) $75.08 \text{ m} = 750.8 \text{ dm} \quad 7508 \text{ cm} \quad 75080 \text{ mm}$

2) Using decimal notation express in meters

a) $8 \text{ m} \ 6 \text{ dm} \ 5 \text{ cm} \ 2 \text{ mm} = 8.652 \text{ m}$

b) $10 \text{ m} \ 8 \text{ dm} \ 6 \text{ cm} \ 5 \text{ mm} = 10.865 \text{ m}$

c) $15 \text{ m} \ 8 \text{ dm} \ 1 \text{ cm} \ 9 \text{ mm} = 15.819 \text{ m}$

d) $1 \text{ m} \ 3 \text{ dm} \ 7 \text{ cm} = 1.37 \text{ m}$

e) $7 \text{ dm} \ 4 \text{ cm} \ 3 \text{ mm} = 0.743 \text{ m}$

f) $8 \text{ cm} = 0.08 \text{ m}$

g) $9 \text{ mm} = 0.009 \text{ m}$

h) $4 \text{ m} \ 5 \text{ mm} = 4.005 \text{ m}$