



# Mata Rang 6: Fad

25ú – 29ú Bealtaine

## Méadair, ceintiméadair agus ciliméadair

**Cuimhnigh**

1mhéadar = 100cm

1cm  $\Rightarrow$   $\frac{1}{100}$ m = 0.01m

10cm  $\Rightarrow$   $\frac{10}{100}$ m = 0.1m

11cm  $\Rightarrow$   $\frac{11}{100}$ m = 0.11m

1. Scríobh na ceintiméadair seo a leanas mar mhéadair ag úsáid an phointe dheachúltaigh.  
(a) 2cm = m (b) 7cm = m (c) 13cm = m (d) 37cm = m (e) 86cm = m

2. Scríobh iad seo a leanas mar cheintiméadair.  
(a) 0.1m = cm (b) 0.7m = cm (c) 0.14m = cm (d) 0.46m = cm (e) 0.79m = cm



125cm ag athrú go 1m 25cm

125cm  $\Rightarrow$  1m 25cm  $\Rightarrow$   $\frac{125}{100}$ m = 1.25m

2.34m  $\Rightarrow$   $2\frac{34}{100}$ m  $\Rightarrow$  200cm + 34cm = 234cm

3. Scríobh mar mhéadair ag úsáid an phointe dheachúltaigh.  
(a) 124cm = m (b) 136cm = m (c) 178cm = m (d) 187cm = m (e) 196cm = m  
(f) 213cm = m (g) 234cm = m (h) 306cm = m (i) 401cm = m (j) 496cm = m

4. Scríobh mar cheintiméadair.  
(a) 1.26m = cm (b) 1.37m = cm (c) 1.56m = cm (d) 1.79m = cm (e) 1.96m = cm  
(f) 2.07m = cm (g) 2.17m = cm (h) 3.00m = cm (i) 3.48m = cm (j) 4.76m = cm

## Méadair, ceintiméadair agus ciliméadair / Metres, centimetres and kilometres

Léigh an eolas sa bhosca ag barr na bileoige agus bain úsáid as chun ceistanna 1 & 2 a fhreagairt.

Read the information at the top of the page and use it to answer questions 1 & 2. e.g.

Ceist 1:

- (a) 2cm =  $\frac{2}{100}$ m = 0.02m  
(e) 86cm =  $\frac{86}{100}$ m = 0.86m

Ceist 2:

- (a) 0.1m =  $\frac{1}{10}$ m = 10cm  
(e) 0.79m =  $\frac{79}{100}$ m = 79cm

➤ Críochnaigh Ceist 1 & 2 anois.

### Ceist 3

Scríobh mar mhéadair ag úsáid an phointe deachúlach.

Write as metres using a decimal point e.g.

- (a) 124 cm = 1.24m  
(j) 496 cm = 4.96 m

### Ceist 4:

Scríobh mar ceintiméadair.

Write as centimetres

- (a) 1.26m = 126 cm  
(j) 4.76 m = 476 cm

**Cuimhne**

1000m = 1 ciliméadar      1m =  $\frac{1}{1000}$  km

11m  $\Rightarrow$   $\frac{11}{1000}$  km = 0.011km

134m  $\Rightarrow$   $\frac{134}{1000}$  km = 0.134km

5. Scríobh iad seo i bhfoirm codáin.

- (a) 2m =  $\frac{2}{1000}$  km    (b) 7m =  $\frac{7}{1000}$  km    (c) 10m =  $\frac{10}{1000}$  km    (d) 30m =  $\frac{30}{1000}$  km  
 (e) 100m =  $\frac{100}{1000}$  km    (f) 400m =  $\frac{400}{1000}$  km    (g) 700m =  $\frac{700}{1000}$  km    (h) 900 =  $\frac{900}{1000}$  km  
 (i) 2475m = 2000m + 400m + 70m + 5m =  $\square$  km +  $\frac{\square}{10}$  km +  $\frac{\square}{100}$  km +  $\frac{\square}{1000}$  km

6. Scríobh mar chiliméadair i bhfoirm dheachúlach

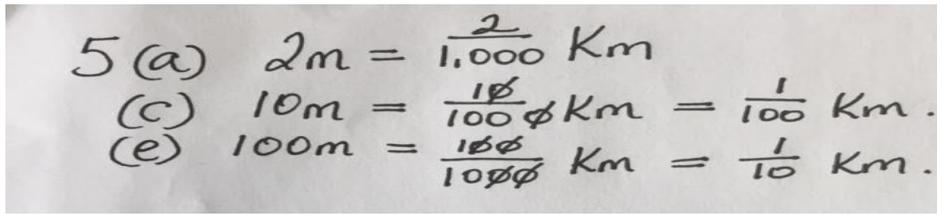
- (a) 3m =  $\square$  km    (b) 7m =  $\square$  km    (c) 12m =  $\square$  km    (d) 23m =  $\square$  km  
 (e) 123m =  $\square$  km    (f) 214m =  $\square$  km    (g) 456m =  $\square$  km    (h) 789m =  $\square$  km  
 (i) 2798m =  $\square$  km    (j) 3475m =  $\square$  km    (k) 4076m =  $\square$  km    (l) 7008m =  $\square$  km

7. Scríobh mar mhéadair.

- (a) 0.1km =  $\square$  m    (b) 0.3km =  $\square$  m    (c) 0.7km =  $\square$  m    (d) 1.4km =  $\square$  m  
 (e) 2.7km =  $\square$  m    (f) 0.01km =  $\square$  m    (g) 0.07km =  $\square$  m    (h) 2.07km =  $\square$  m  
 (i) 0.001km =  $\square$  m    (j) 0.004km =  $\square$  m    (k) 2.004km =  $\square$  m    (l) 3.008km =  $\square$  m  
 (m) 0.13km =  $\square$  m    (n) 0.36km =  $\square$  m    (o) 3.36km =  $\square$  m    (p) 4.78km =  $\square$  m  
 (q) 0.045km =  $\square$  m    (r) 0.076km =  $\square$  m    (s) 1.076km =  $\square$  m    (t) 3.089km =  $\square$  m  
 (u) 0.126km =  $\square$  m    (v) 0.345km =  $\square$  m    (w) 2.345km =  $\square$  m    (x) 6.789km =  $\square$  m

Leigh an eolas ag barr na bileoige agus freagair ceistanna 5, 6, 7.  
 Read the information at the top of the page and use it to answer questions 5, 6 & 7

**Ceist 5:**



Críochnaigh Ceist 5 anois.

**Ceist 6:**

Scríobh mar chiliméadair i bhfoirm deachúlach

Write as kilometres in decimal form

- (a) 3m = 0.003km  
 (c) 12m = 0.012km  
 (e) 123m = 0.123km  
 (l) 7008m = 7.008km

Críochnaigh Ceist 6 anois.

Scríobh mar mhéadair

Write as metres

**Ceist 7:**

- (a) 0.1km = 100m  
 (f) 0.01km = 10m  
 (i) 0.001km = 1m  
 (t) 3.089km = 3089m

➤ Críochnaigh Ceist 7 anois.

## Suimiú agus dealú

Is fearr liom deachúlacha a úsáid agus iad seo á ndéanamh agam.

$\begin{array}{r} \text{cm} \quad \text{mm} \\ 2 \quad 5 \\ + 3 \quad 7 \\ \hline 6 \quad 2 \end{array}$	$\begin{array}{r} 2\text{-}5\text{cm} \\ + 3\text{-}7\text{cm} \\ \hline 6\text{-}2\text{cm} \end{array}$	$\begin{array}{r} 3\text{m} \quad 46\text{cm} \\ + 4\text{m} \quad 78\text{cm} \\ \hline 8\text{m} \quad 24\text{cm} \end{array}$	$\begin{array}{r} 3\text{-}46\text{m} \\ + 4\text{-}78\text{m} \\ \hline 8\text{-}24\text{m} \end{array}$	$\begin{array}{r} \text{km} \quad \text{m} \\ 4 \quad 672 \\ + 5 \quad 789 \\ \hline 10 \quad 461 \end{array}$	$\begin{array}{r} 4\text{-}672\text{km} \\ + 5\text{-}789\text{km} \\ \hline 10\text{-}461\text{km} \end{array}$
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1. (a)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 1 \quad 2 \\ + 3 \quad 4 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 2 \quad 5 \\ + 3 \quad 6 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 3 \quad 4 \\ + 4 \quad 7 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 5 \quad 2 \\ + 6 \quad 7 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 12 \quad 7 \\ + 14 \quad 8 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 16 \quad 9 \\ + 17 \quad 8 \\ \hline \end{array}$
2. (a)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 1 \quad 24 \\ + 2 \quad 46 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 2 \quad 46 \\ + 3 \quad 74 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 3 \quad 67 \\ + 4 \quad 45 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 4 \quad 76 \\ + 5 \quad 87 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 5 \quad 7 \\ + 6 \quad 78 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 14 \quad 9 \\ + 16 \quad 28 \\ \hline \end{array}$
3. (a)  $\begin{array}{r} \text{km} \quad \text{m} \\ 1 \quad 246 \\ + 2 \quad 358 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{km} \quad \text{m} \\ 2 \quad 456 \\ + 3 \quad 74 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{km} \quad \text{m} \\ 4 \quad 278 \\ + 2 \quad 89 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{km} \quad \text{m} \\ 5 \quad 67 \\ + 8 \quad 9 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{km} \quad \text{m} \\ 14 \quad 426 \\ + 17 \quad 758 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{km} \quad \text{m} \\ 36 \quad 184 \\ + 48 \quad 240 \\ \hline \end{array}$

### 4. Scriobh iad seo a leanas i bhfoirm dheachúlach sula ndéanann tú iad

- (a)  $2\text{-}6\text{cm} + 6\text{mm} + 15\text{mm}$  (b)  $\frac{1}{2}\text{cm} + 1\text{-}4\text{cm} + 36\text{mm}$  (c)  $41\text{mm} + 2\frac{1}{2}\text{cm} + 0\text{-}7\text{cm}$   
 (d)  $4\frac{1}{100}\text{m} + 5\text{-}14\text{m} + 213\text{cm}$  (e)  $487\text{cm} + 2\text{-}76\text{m} + 2\frac{1}{2}\text{m}$  (f)  $4\frac{17}{100}\text{m} + 244\text{cm} + 3\text{-}06\text{m}$   
 (g)  $4\text{-}070\text{km} + 2759\text{m} + 3\frac{7}{100}\text{km}$  (h)  $4\text{-}85\text{km} + 2741\text{m} + 0\text{-}78\text{km}$  (i)  $5\frac{2}{5}\text{km} + 5\text{-}079\text{km} + 3078\text{m}$

$\begin{array}{r} \text{cm} \quad \text{mm} \\ 7 \quad 2 \\ - 2 \quad 5 \\ \hline 4 \quad 7 \end{array}$	$\begin{array}{r} 7\text{-}2\text{cm} \\ - 2\text{-}5\text{cm} \\ \hline 4\text{-}7\text{cm} \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 5 \quad 23 \\ - 2 \quad 47 \\ \hline 2 \quad 76 \end{array}$	$\begin{array}{r} 5\text{-}23\text{m} \\ - 2\text{-}47\text{m} \\ \hline 2\text{-}76\text{m} \end{array}$	$\begin{array}{r} \text{km} \quad \text{m} \\ 5 \quad 345 \\ - 2 \quad 456 \\ \hline 2 \quad 889 \end{array}$	$\begin{array}{r} 5\text{-}345\text{km} \\ - 2\text{-}456\text{km} \\ \hline 2\text{-}889\text{km} \end{array}$
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5. (a)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 2 \quad 3 \\ - 1 \quad 2 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 4 \quad 1 \\ - 2 \quad 3 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 5 \quad 4 \\ - 3 \quad 6 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 6 \quad 8 \\ - 2 \quad 3 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 8 \quad 7 \\ - 6 \quad 9 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{cm} \quad \text{mm} \\ 12 \quad 7 \\ - 8 \quad 8 \\ \hline \end{array}$
6. (a)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 2 \quad 28 \\ - 1 \quad 14 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 4 \quad 21 \\ - 2 \quad 43 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 6 \quad 78 \\ - 3 \quad 89 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 7 \quad 19 \\ - 4 \quad 24 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 14 \quad 6 \\ - 8 \quad 24 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{m} \quad \text{cm} \\ 46 \quad 23 \\ - 24 \quad 76 \\ \hline \end{array}$
7. (a)  $\begin{array}{r} \text{km} \quad \text{m} \\ 3 \quad 123 \\ - 1 \quad 47 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{km} \quad \text{m} \\ 4 \quad 249 \\ - 2 \quad 146 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{km} \quad \text{m} \\ 5 \quad 148 \\ - 3 \quad 436 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{km} \quad \text{m} \\ 7 \quad 89 \\ - 4 \quad 94 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{km} \quad \text{m} \\ 8 \quad 87 \\ - 4 \quad 126 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{km} \quad \text{m} \\ 46 \quad 129 \\ - 32 \quad 346 \\ \hline \end{array}$

### 8. Scriobh iad seo a leanas i bhfoirm dheachúlach agus ansin déan iad.

- (a)  $4\text{cm} \text{ } 2\text{mm} - 2\text{-}3\text{cm}$  (b)  $43\text{mm} - 2\text{-}6\text{cm}$  (c)  $3\text{-}7\text{cm} + 5\frac{7}{100}\text{cm} - 23\text{mm}$   
 (d)  $346\text{cm} - 2\text{m} \text{ } 84\text{cm}$  (e)  $2\text{-}76\text{m} - 7\text{cm}$  (f)  $3\frac{1}{2}\text{m} + 4\text{-}07\text{m} - 312\text{cm}$

## Fad: Suimiú agus dealú (Addition and Subtraction)

Athraigh go deachúlacha iad agus suimigh/dealaigh.

Rewrite as decimals, then add/subtract e.g.

$$\begin{array}{r} 1(a) \quad \text{cm} \quad \text{mm} \\ 1 \quad 2 \\ + 3 \quad 4 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.2\text{cm} \\ 3.4\text{cm} \\ \hline 4.6\text{cm} \end{array}$$

$$\begin{array}{r} 2(a) \quad \text{m} \quad \text{cm} \\ 1 \quad 24 \\ + 2 \quad 46 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.24\text{m} \\ 2.46\text{m} \\ \hline 3.70\text{m} \end{array}$$

$$\begin{array}{r} 3a \quad \text{km} \quad \text{m} \\ 1 \quad 246 \\ 2 \quad 358 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.246\text{km} \\ 2.358\text{km} \\ \hline 3.604 \end{array}$$

➤ Déan ceistanna 1,2,3,5,6,7

## Iolrú agus Roinnt

Is fearr liom deachúlacha a úsáid agus iad seo ó ndéanamh agam.

$\begin{array}{r} \text{cm mm} \\ 3 \text{ } 5 \\ \times 3 \\ \hline 10 \text{ } 5 \end{array}$	$\begin{array}{r} \text{m cm} \\ 4 \text{ } 76 \\ \times 2 \\ \hline 9 \text{ } 52 \end{array}$	$\begin{array}{r} \text{km m} \\ 3 \text{ } 450 \\ \times 3 \\ \hline 10 \text{ } 350 \end{array}$
nó $3.5\text{cm} \times 3 = 10.5\text{cm}$	nó $4.76\text{m} \times 2 = 9.52\text{m}$	nó $3.45\text{km} \times 3 = 10.35\text{km}$

1. (a)  $\begin{array}{r} \text{cm mm} \\ 1 \text{ } 2 \\ \times 3 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{cm mm} \\ 2 \text{ } 3 \\ \times 4 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{cm mm} \\ 3 \text{ } 7 \\ \times 5 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{cm mm} \\ 4 \text{ } 8 \\ \times 7 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{cm mm} \\ 6 \text{ } 9 \\ \times 8 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{cm mm} \\ 7 \text{ } 9 \\ \times 9 \\ \hline \end{array}$

2. (a)  $\begin{array}{r} \text{m cm} \\ 1 \text{ } 25 \\ \times 3 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{m cm} \\ 2 \text{ } 35 \\ \times 4 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{m cm} \\ 3 \text{ } 48 \\ \times 5 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{m cm} \\ 4 \text{ } 79 \\ \times 8 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{m cm} \\ 12 \text{ } 6 \\ \times 9 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{m cm} \\ 24 \text{ } 68 \\ \times 9 \\ \hline \end{array}$

3. (a)  $\begin{array}{r} \text{km m} \\ 1 \text{ } 123 \\ \times 3 \\ \hline \end{array}$  (b)  $\begin{array}{r} \text{km m} \\ 2 \text{ } 346 \\ \times 4 \\ \hline \end{array}$  (c)  $\begin{array}{r} \text{km m} \\ 4 \text{ } 456 \\ \times 5 \\ \hline \end{array}$  (d)  $\begin{array}{r} \text{km m} \\ 5 \text{ } 79 \\ \times 6 \\ \hline \end{array}$  (e)  $\begin{array}{r} \text{km m} \\ 7 \text{ } 8 \\ \times 9 \\ \hline \end{array}$  (f)  $\begin{array}{r} \text{km m} \\ 9 \text{ } 24 \\ \times 8 \\ \hline \end{array}$

4. Scríobh i bhfoirm dheachúlach agus ansin déan iad.
- (a)  $46\text{mm} \times 5 = \square \text{ cm}$  (b)  $(4\text{cm } 9\text{mm} \times 6) - 4.7\text{cm}$  (c)  $(8\text{cm } 9\text{mm} - 2.3\text{cm}) \times 4$   
 (d)  $246\text{cm} \times 4 = \square \text{ m}$  (e)  $(4\text{m } 7\text{cm} \times 5) - 327\text{cm}$  (f)  $(5\frac{1}{2}\text{m} + 6.07\text{m}) \times 3$   
 (g)  $3476\text{m} \times 7 = \square \text{ km}$  (h)  $(5\text{km } 6\text{m} \times 6) + 2076\text{m}$  (i)  $(6\frac{3}{4}\text{km} + 3007\text{m}) \times 6$

$\begin{array}{r} \text{cm mm} \\ 3 \text{ } 4 \text{ } 5 \\ \hline 1 \text{ } 5 \end{array}$	$\begin{array}{r} \text{m cm} \\ 5 \text{ } 6 \text{ } 75 \\ \hline 1 \text{ } 35 \end{array}$	$\begin{array}{r} \text{km m} \\ 4 \text{ } 9 \text{ } 536 \\ \hline 2 \text{ } 384 \end{array}$
nó $3.45\text{cm} \div 3 = 1.15\text{cm}$	nó $5.675\text{m} \div 3 = 1.891\text{m}$	nó $4.9536\text{km} \div 3 = 1.6512\text{km}$

5. (a)  $6\text{cm } 9\text{mm} \div 3$  (b)  $7\text{cm } 5\text{mm} \div 5$  (c)  $9\text{cm } 6\text{mm} \div 4$  (d)  $10\text{cm } 2\text{mm} \div 6$

6. **Faigh**  
 (a)  $\frac{1}{2}$  de  $4\text{cm } 6\text{mm}$  (b)  $\frac{1}{3}$  de  $7\text{cm } 2\text{mm}$  (c)  $\frac{2}{3}$  de  $7\text{cm } 8\text{mm}$  (d)  $\frac{3}{4}$  de  $11\text{cm } 2\text{mm}$

7. (a)  $8\text{m } 24\text{cm} \div 2$  (b)  $10\text{m } 35\text{cm} \div 3$  (c)  $19\text{m } 12\text{cm} \div 4$  (d)  $18\text{m } 63\text{cm} \div 9$

8. **Faigh**  
 (a)  $\frac{1}{2}$  de  $6\text{m } 48\text{cm}$  (b)  $\frac{1}{3}$  de  $6\text{m } 75\text{cm}$  (c)  $\frac{1}{3}$  de  $8\text{m } 65\text{cm}$  (d)  $\frac{7}{8}$  de  $14\text{m } 32\text{cm}$

9. (a)  $4\text{km } 124\text{m} \div 4$  (b)  $14\text{km } 760\text{m} \div 6$  (c)  $21\text{km } 322\text{m} \div 7$  (d)  $15\text{km } 25\text{m} \div 5$

10. **Faigh**  
 (a)  $\frac{1}{2}$  de  $8\text{km } 460\text{m}$  (b)  $\frac{1}{3}$  de  $24\text{km } 168\text{m}$  (c)  $\frac{2}{3}$  de  $16\text{km } 680\text{m}$  (d)  $\frac{3}{4}$  de  $9\text{km } 9\text{m}$

11. (a)  $9\text{cm } 6\text{mm} \div 3$  (b)  $(28\text{mm} \div 2) + 6\text{cm } 2\text{mm}$  (c)  $(5\frac{1}{2}\text{cm} \div 5) - 9\text{mm}$   
 (d)  $7\text{cm } 6\text{mm} \div 2$  (e)  $(875\text{cm} - 2\frac{1}{2}\text{m}) \div 5$  (f)  $(18\text{m } 42\text{cm} \div 6) + 376\text{cm}$   
 (g)  $4765\text{m} \div 5 = \square \text{ km}$  (h)  $(2\text{km } 480 \div 4) - 476\text{m}$  (i)  $(4076\text{m} \div 4) + 3.007\text{km}$

## Fad: Iolrú agus Roinnt (multiplication and division)

Athraigh go deachúlacha ar dtús agus ansin iolraigh nó roinnt  
 Rewrite as decimals first then multiply or divide. E.g.

1(a)  $\begin{array}{r} \text{cm mm} \\ 1 \text{ } 2 \\ \times 3 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.2\text{cm} \\ \times 3 \\ \hline 3.6\text{cm} \end{array}$

2(a)  $\begin{array}{r} \text{m cm} \\ 1 \text{ } 25 \\ \times 3 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.25\text{m} \\ \times 3 \\ \hline 3.75\text{m} \end{array}$

3(a)  $\begin{array}{r} \text{km m} \\ 1 \text{ } 123 \\ \times 3 \\ \hline \end{array} \Rightarrow \begin{array}{r} 1.123 \\ \times 3 \\ \hline 3.369\text{km} \end{array}$

5(a)  $6\text{cm } 9\text{mm} \div 3 \Rightarrow \begin{array}{r} 3 \overline{) 6.9\text{cm}} \\ \underline{2.3\text{cm}} \end{array}$

7(a)  $8\text{m } 24\text{cm} \div 2 \Rightarrow \begin{array}{r} 2 \overline{) 8.24\text{m}} \\ \underline{4.12\text{m}} \end{array}$

➤ Déan ceistanna 1, 2, 3, 5, 6, 7

## Fad

1. Seo plan seomra ranga ina bhfuil deasc an mhúinteora agus doras.

Scála 1cm = 1m nó 1 : 100

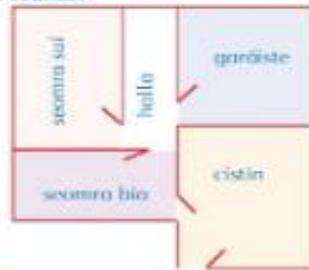


- (a) Cad é fad an tseomra ranga?  
(b) Cad é leithead an tseomra?  
(c) Cad é leithead an dorais?  
(d) Cad é fad dheasc an mhúinteora?  
(e) Cad é leithead dheasc an mhúinteora?  
(f) Cén fad ón mballa cúil atá deasc an mhúinteora?  
(g) Cad í imlíne an tseomra?  
(h) Cad é achar an tseomra?

2. Seo plan urlár na talún i dteach.

Faigh (i) fad agus (ii) leithead iad seo a leanas:

Scála 1 : 200 nó 1cm : 2m



- (a) an seomra suí  
(b) an seomra bia  
(c) an garáiste  
(d) an chistin  
(e) an halla

3. Faigh imlíne gach ceann díobh sin thuas.

(a) = m      (b) = m      (c) = m      (d) = m      (e) = m

4. (i) Faigh achar gach ceann díobh sin thuas.

(a) = m<sup>2</sup>      (b) = m<sup>2</sup>      (c) = m<sup>2</sup>      (d) = m<sup>2</sup>      (e) = m<sup>2</sup>

- (ii) Faigh achar iomlán urlár na talún i méadair chearnacha.

5.  Tarraing plan de do leabhar matamaitice de réir scála 1:2

6. Tarraing plan de do dheasc de réir scála 1 : 10. Léirigh do leabhar matamaitice ar an deasc de réir scála 1 : 10.

7. Méadaigh íomhá an stampa seo de réir scála 3 : 1.

8. Tarraing plan de do sheomra ranga ag baint úsáide as scála oiriúnach.



## Iniúch

9. (a) scála léarscáil na hÉireann (i) atá i d'atlas agus (ii) atá ar an mballa i do sheomra ranga.  
(b) scála léarscáil an domhain i d'atlas.  
(c) an fad ó Bhaile Átha Cliath go Londain.  
(d) an fad idir Páras agus An Róimh.

## Ceist 1:

This is a plan of a classroom. The plan shows the teacher's desk and the door. This plan is drawn to scale (e.g. smaller than in real life but in the correct proportion). The scale is 1:100, in other words, every cm on this plan represents 1 m in real life. The classroom is drawn 100 times smaller than in real life.

When you measure the lines with your ruler, you will find that the plan is 6 cm long and 4 cm wide. In real life, this means that the classroom measures 6m long x 4 m wide.

Answer the following questions:

- (a) Cad é fad an tseomra ranga? (What length is the classroom?)  
(b) Cad é leithead an tseomra ranga? (What width is the classroom?)  
(c) Cad é leithead an dorais? (What is the width of the door?)  
(d) Cad é fad deasc an mhúinteora? (What length is the teacher's desk?)  
(e) Cad é leithead deasc an mhúinteora? (What width is the teacher's desk?)  
(f) Cén fad ón mballa cúil atá deasc an mhúinteora? (How far is it from the back wall to the teacher's desk?)  
(g) Cad í imlíne an tseomra? (What is the perimeter of the classroom?)  
(h) Cad é achar an tseomra? (What is the area of the classroom? Length multiplied by width)

## Ceist 2:

This is a floor-plan of the ground floor of a house. Again, it is drawn to scale. The scale here is 1:200. That means that every 1cm represents 2 m in real life.

Find (i) the length and (ii) the width of the following:

- (a) An seomra suí (the sitting room)  
(b) An seomra bia (the dining room)  
(c) An garáiste (the garage)  
(d) An chistin (the kitchen)  
(e) An halla (the hall)

## Ceist 3:

Now find the perimeters of each of the rooms in question 2 a-e above.

Táblaí na Seachtaine: 2, 4, 8

