

8ú – 12ú Meitheamh

Mata Rang 5: Súil Siar



Caibidil 33 Súil siar

1. (a) Scriobh na huimhreacha príomha go léir idir 30 agus 50.

(b) Cad í an séú huimhir chearnach?

(c) Cad í an ceathrú huimhir thriantánach?

(d) Cad í an t-aon uimhir amháin nach uimhir príomha ná uimhir ilchodach?

(a)	(b)	(c)	(d)	(e)
2. 4.56×8	6.285×5	5.006×9	7.394×7	9.087×8
3. 3.78×17	4.297×21	2.709×29	1.456×35	2.009×48
4. 28.46×32	12.93×49	23.75×35	16.09×54	15.39×57

5. Scriobh mar **cheintiméadair** agus mar **mhilliméadair**.

(a) 16mm (b) 28mm (c) 45mm (d) 64mm (e) 77mm (f) 99mm

6. Scriobh mar **cheintiméadair** ag baint úsáide as an **pointe deachúlach**.

(a) 15mm (b) 32mm (c) 41mm (d) 58mm (e) 73mm (f) 87mm

Súil Siar – Revision

Ceist 1:

(a) Scríobh na huimhreacha príomha go léir idir 30 agus 50.

Write the prime numbers between 30 and 50. Tip: a prime number is a number that can only be divided by itself and 1, e.g. 1, 3, 5, 7 etc.

(b) Céard í an séú uimhir chearnach? What is the sixth square number? Tip: you get a square number when you multiply a number by itself e.g. $1 \times 1 = 1$, $2 \times 2 = 4$, $3 \times 3 = 9$ etc

(c) Céard í an ceathrú kuimhir thriantánach? What is the 4th triangular number? Tip: A triangular number is



Déan ceist 1: a, b & c anois.

Ceist 2, 3 & 4: Iolrú

➤ Déan 2b, 3b, 4b

Ceist 5:

Scríobh mar ceintiméadair agus mar mhilliméadair m. sh.,

(a) $16\text{mm} = 1\text{cm } 6\text{mm}$

➤ Críochnaigh ceist 5 anois.

Ceist 6:

Scríobh mar ceintiméadair ag úsáid an ponc deachúlach m. sh.,

(a) $15\text{mm} = 1.5\text{ cm}$

➤ Críochnaigh ceist 6.

7. (a) $3\text{cm } 7\text{mm} \times 7$ (b) $6\text{cm } 4\text{mm} \times 5$ (c) $8\text{cm } 9\text{mm} \times 9$ (d) $7\text{cm } 8\text{mm} \times 6$

8. (a) $16\text{cm } 8\text{mm} \div 4$ (b) $35\text{cm } 5\text{mm} \div 5$ (c) $76\text{cm } 8\text{mm} \div 6$ (d) $93\text{cm } 6\text{mm} \div 8$

9. Scriobh mar **chiliméadair** ag baint úsáide as an **pointe deachúlach**.

(a) 2768m (b) 4085m (c) 6309m (d) 528m (e) 9979m

10. Scriobh mar **mhéadair**.

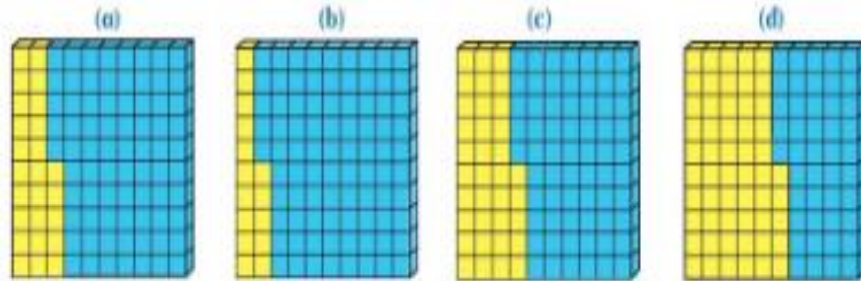
(a) 7km 275m (b) 6.593km (c) 5.008km (d) 8km 95m (e) $7\frac{94}{1000}\text{km}$

(a)	(b)	(c)	(d)	(e)	(f)
11. $7.85 \div 5$	$4.96 \div 4$	$7.56 \div 7$	$9.68 \div 8$	$8.22 \div 6$	$9.63 \div 9$

12. $91.2 + 19$	$59.4 \div 27$	$89.9 + 31$	$67.2 \div 14$	$85.4 \div 14$	$86.6 \div 47$
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13. $9.86 + 17$	$8.82 \div 63$	$9.50 \div 38$	$7.44 \div 24$	$9.66 \div 42$	$9.36 \div 52$
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14. Cén céatadán de gach bloc atá (i) **gorm** agus (ii) **buí**?



Ceist 7 & Ceist 8

Athscríobh mar cm leis an bponc deachúlach agus iolraigh/roinnt.

Rewrite as decimal fractions of cms and multiply/dividee.g.

7(a) $3\text{ cm } 7\text{ mm} \times 7$

$\Rightarrow 3.7\text{cm} \times 7$

➤ Críochnaigh ceist 7.

8(a) $16\text{cm } 8\text{ mm} \div 4$

$\Rightarrow 16.8\text{cm} \div 4 =$

Críochnaigh ceist 8 freisin.

Ceist 9:

Write as kilometres using a decimal point e.g.

(a) $2768\text{ m} = 2.768\text{m}$

Ceist 10:

Write as metres (opposite of question 9 above)

(a) $7\text{km } 275\text{ m} = 7275\text{m}$

Ceisteanna 11, 12, 13

➤ Roinnt – déan a & c

Ceist 14:

What percentage of each block is (i) blue (ii) yellow e.g.

(a) Gorm = 75% Buí = 25%

Súil siar

1. Scríobh na codáin seo (i) mar **chéaduithe** agus (ii) mar **chéatadáin**.

(a) $\frac{3}{10} = \frac{\square}{100} = \square\%$ (b) $\frac{7}{10} = \frac{\square}{100} = \square\%$ (c) $\frac{4}{5} = \frac{\square}{100} = \square\%$
 (d) $\frac{2}{10} = \frac{\square}{100} = \square\%$ (e) $\frac{5}{10} = \frac{\square}{100} = \square\%$ (f) $\frac{12}{20} = \frac{\square}{100} = \square\%$

2. Scríobh na céatadáin seo a leanas mar **chodáin sna téarmaí is ísle**.

(a) 50% (b) 25% (c) 40% (d) 60% (e) 80% (f) 90%
 (g) 15% (h) 35% (i) 55% (j) 85% (k) 8% (l) 24%

3. Críochnaigh an tábla seo.

codán	$\frac{24}{100}$		$\frac{7}{100}$		$\frac{96}{100}$			
deachúil		0.27			0.75		0.36	
céatadán			48%		64%		5%	28%

4. (a) Faigh 30% de €620 (b) Faigh 70% de €876 (c) Faigh 75% de €864

Ceist 1:

Scríobh na codáin seo mar (i) chéaduithe (ii) chéatadáin
 Write the fractions as (i) hundredths (ii) percentages e.g.

(a) $\frac{3}{10} = \frac{30}{100} = 30\%$

➤ Críochnaigh ceist 1 anois agus scríobh abairtí iomlána.

Ceist 2:

Scríobh na céatadáin mar chodáin sna téarmaí is ísle.
 Write the percentages as fractions in their lowest terms e.g.

(a) $50\% = \frac{50}{100} = \frac{5}{10} = \frac{1}{2}$
 (b) $24\% = \frac{24}{100} = \frac{12}{50} = \frac{6}{25}$

➤ Críochnaigh Ceist 2.

Ceist 3:

Cóipeáil an tábla i do chóipleabhair agus críochnaigh é.
 Draw the table in your maths copy and complete e.g.

=> $\frac{24}{100} = 0.24 = 24\%$

Ceist 4:

Calculate the percentages e.g.

30% of €620

⇒ $\frac{3}{10}$ of €620

⇒ $\frac{1}{10}$ of €620 = €62

⇒ $\frac{3}{10} = €62 \times 3 = €186$

6. (a) 4 huair 46 nóim + 3 huair 27 nóim (b) (2 uair 25 nóim + 5 huair 55 nóim) - 4 huair 30 nóim
 (c) 7 huair 24 nóim - 4 huair 39 nóim (d) (5 huair 38 nóim + 3 huair 46 nóim) - 2 uair 59 nóim

7. Scriobh na hamanna analógacha seo a leanas mar amanna digiteacha.

- (a) 6.25 rn (b) 8.51 rn (c) 11.37 rn (d) 1.45 pm (e) 3.39 in
 (f) 3.39 rn (g) 7.15 rn (h) 7.15 in (i) 10.46 in (j) 10.46 rn

8. Scriobh na hamanna digiteacha seo a leanas le rn nó in.

- (a) 08:20 (b) 11:59 (c) 17:09 (d) 9:46 (e) 21:36
 (f) 12:05 (g) 15:38 (h) 23:57 (i) 18:15 (j) 01:01

9. Cé mhéad uair agus nóiméad ó

- (a) 7.35 rn go 8.45 rn? (b) 8.50 rn go 10.15 rn? (c) 11.55 rn go 1.25 in?

10. Scriobh na hamanna seo i bhfoirm analógach ag baint úsáide as rn nó in.

- (a) $\frac{1}{4}$ tar éis 3 ar maidin (b) $\frac{1}{2}$ tar éis 8 sa tráthnóna
 (c) 20 chun 9 ar maidin (d) 25 tar éis 6 ar maidin
 (e) 10 tar éis 11 san oíche (f) 5 chun 12 ar maidin

Ceist 6:

Ag suimiú nó ag dealú am.

Addition and subtraction of hours and minutes:

Ná déan dearmad – suimigh na nóiméad ar dtús agus athainmnigh más gá.

Add the minutes first. If more than 60 you must rename.

$$\begin{array}{r} \text{(a)} \quad 4u \quad 46 \text{ nóim} \\ + \quad 3u \quad 27 \text{ nóim} \\ \hline \quad 7u \quad 73 \text{ nóim} \\ \Rightarrow 8u \quad 13 \text{ nóim} \end{array}$$

$$\begin{array}{r} \text{e.g.} \quad 5u \quad 06 \text{ nóim} \Rightarrow 4u \quad 66 \text{ nóim} \\ - \quad 2u \quad 51 \text{ nóim} \quad - \quad 2u \quad 51 \text{ nóim} \\ \hline \quad 2u \quad 15 \text{ nóim} \end{array}$$

➤ Críochnaigh ceist 6 anois.

Ceist 7: Déan gach ceann.

Ag scríobh amanna analógacha mar amanna digiteacha.

Rewriting analogue time as digital time.

Ná déan dearmad go n-úsáideann muid an clog 24 uaire. Remember to use the 24 hour clock. When writing time using the 24 hour clock, we do not also use the letters am or pm. Eg.,

(a) 6.25 r.n = 06:25

(d) 1.45 i.n = 13:45

Ceist 8: Déan gach ceann.

Scríobh na hamanna digiteacha mar amanna analógacha ag úsáid r.n no i.n.

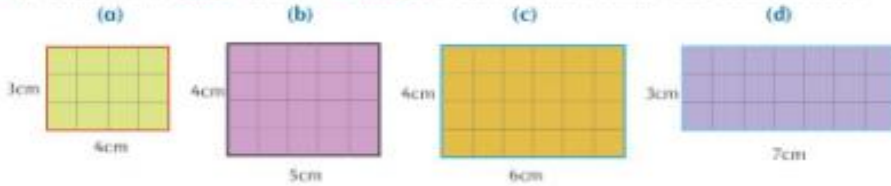
Rewrite the digital times as analogue time using am or pm. Opposite to question 7 above e.g.

(a) 08:20 = 8.20 r.n

(i) 18:15 = 6.15 i.n.

Súil siar

1. Faigh (i) an t-achar agus (ii) an imlíne le haghaidh gach ceann de na cruthanna seo.



2. Críochnaigh an tábla seo de dhronuilleoga.

fad	5cm	6cm			4cm	10cm		12cm	9cm	
leithead	4cm		8cm	7cm		9cm	7cm	8cm		4cm
imlíne				26cm			30cm		28cm	
achar		24cm ²	40cm ²			36cm ²				64cm ²

3. Tá ga ciorcail 14.5cm ar fad. Cad é fad an trastomhais?

4. Tá trastomhas ciorcail 12.4cm ar fad. Cad é fad an gha?

5. Tá ga boinn 1.74cm ar fad. Má chuirtear 25 bonn taobh le taobh i sraith, cad é fad iomlán sraith na mbonn?

6. (a) €3.27 + €2.65 + €1.93

(b) €4.39 + €2.86 - €1.58

(c) €17.49 + €53.74 + €9.35

(d) €37.52 + €56.89 - €29.76

(e) €32.58 + €47.63 - €26.72

(f) €24.85 + €68.46 - €55.47



(a) Cé acu is fearr luach (i) nó (ii)?

(b) Cé mhéad níos fearr in aghaidh an bharr atá an luach?

(c) Cé mhéad airgid a shébhálfó ar 68 barra?



(a) Cé acu is fearr luach (i), (ii) nó (iii)?

(b) Cé mhéad in aghaidh an lítir a shébhálfadh tú má cheannaíonn tú an luach is fearr seachas an luach is measa?

(c) Cé mhéad in aghaidh an lítir a chaillfidh tú má cheannaíonn tú an luach is measa seachas an luach is fearr?

(d) Cad é an méid is mó a shébhálfadh tú má cheannaíonn tú 12 lítear cola?

9. Oibríonn bean ó 7.30 m go dtí 4.45 in gach lá. Má thuilleann sí €10.40 in aghaidh na huaire, cé mhéad airgid a thuilleann sí (i) in aghaidh an tae agus (ii) in aghaidh seachtain 5 lá?

Ceist 1:

Faigh achar agus imlíne gach cruth.

Find the area and perimeter of each shape.

Nod: Achar = Fad x Leithead Imlíne = F+L+F+L

(a) Achar = Fad x Leithead

=> Achar = 4cm x 3cm = 12 cm cearnach (squared)

(a) Imlíne = 4cm + 3cm + 4cm + 3cm = 14cm

Ceist 2:

Cóipeáil agus críochnaigh an tábla thall. Oibrigh amach na hachair agus na h-implínte.

Copy and complete the table. Work out the areas and perimeters.

Ceist 6:

Suimiú /dealú suimeanna airgid.

Addition and subtraction of money.

Ceist 7

(a) Which is better value for money? (i) or (ii)

(b) How much do you save per bar if you buy the better value one?

(c) How much money would you save if you bought 68 bars?

Ceist 8:

(a) Which is better value for money (i), (ii) or (iii)

(b) How much per litre would you save if you buy the best value for money cola?

(c) How much per litre would you lose by buying the worst value for money cola?

Táblaí na seachtaine: 7

