

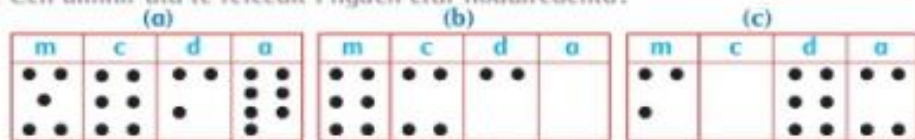


Mata Rang 4: Súil Siar

8ú – 12ú Meitheamh

Caibidil 14 Súil siar

1. Cén uimhir atá le feiceáil i ngach clár nodaireachta?



2. Scríobh na huimhreacha seo a leanas i bhfigiúirí.

- | | |
|-----------------------------------------|---------------------------------|
| (a) trí chéad seachtó a sé | (b) ceithre chéad seachtó a sé |
| (c) seacht míle, trí chéad seasca a trí | (d) nócha a sé |
| (e) ocht míle, a cúig | (f) trí mhíle, nócha a ceathair |

3. Scríobh na huimhreacha seo a leanas i bhfocail.

- | | | | | |
|----------|----------|----------|----------|----------|
| (a) 6473 | (b) 2870 | (c) 4089 | (d) 6305 | (e) 9008 |
| (f) 3709 | (g) 8063 | (h) 9667 | (i) 4350 | (j) 9898 |

4. Cod é luach na ndigití a bhfuil línte fúthu?

- | | | | | |
|------------------|-------------------|------------------|------------------|-------------------|
| (a) 346 <u>7</u> | (b) 48 <u>7</u> 9 | (c) <u>8</u> 341 | (d) <u>2</u> 074 | (e) 7 <u>6</u> 80 |
|------------------|-------------------|------------------|------------------|-------------------|

5. (a) $\begin{array}{r} 3123 \\ + 2452 \\ \hline \end{array}$	(b) $\begin{array}{r} 4251 \\ + 3135 \\ \hline \end{array}$	(c) $\begin{array}{r} 5178 \\ + 2516 \\ \hline \end{array}$	(d) $\begin{array}{r} 2356 \\ + 4289 \\ \hline \end{array}$	(e) $\begin{array}{r} 4576 \\ + 2856 \\ \hline \end{array}$
----------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------

6. (a) $\begin{array}{r} 6785 \\ - 2152 \\ \hline \end{array}$	(b) $\begin{array}{r} 7563 \\ - 3240 \\ \hline \end{array}$	(c) $\begin{array}{r} 8671 \\ - 2358 \\ \hline \end{array}$	(d) $\begin{array}{r} 7835 \\ - 3469 \\ \hline \end{array}$	(e) $\begin{array}{r} 9237 \\ - 4798 \\ \hline \end{array}$
----------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------

7. (a) $\begin{array}{r} 2133 \\ 1421 \\ + 3245 \\ \hline \end{array}$	(b) $\begin{array}{r} 3234 \\ 2406 \\ + 1057 \\ \hline \end{array}$	(c) $\begin{array}{r} 4153 \\ 1237 \\ + 2465 \\ \hline \end{array}$	(d) $\begin{array}{r} 2437 \\ 1565 \\ + 3246 \\ \hline \end{array}$	(e) $\begin{array}{r} 3472 \\ 2657 \\ + 1528 \\ \hline \end{array}$
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8. (a) $3246 + 1352 + 2375$	(b) $4538 + 3065 + 1573$	(c) $6734 - 958$
(d) $7536 - 4219$	(e) $8752 - 3478$	(f) $9215 - 4787$

Ceist 1:

Scríobh na huimhreacha a fheiceann tú ar an gclár nodaireachta.
Write the numbers represented on the notation boards.

Ceist 2: Déan a, c, e

Scríobh na huimhreacha i bhfigiúirí m. sh.

(a) 376

Ceist 3: Déan b, c, f, h, i

Scríobh na huimhreacha seo a leanas i bhfocail.

Write the numbers as words e.g.

6473 = sé mhíle ceithre chéad seachtó a trí

Ná déan dearmad:

- Uimhreacha 1-6: + h
- Uimhreacha 7-10: + urú

Ceistanna 5-8: Suimiú agus dealú (addition and subtraction) Déan a,b,c

Súil siar

Críochnaigh iad seo.

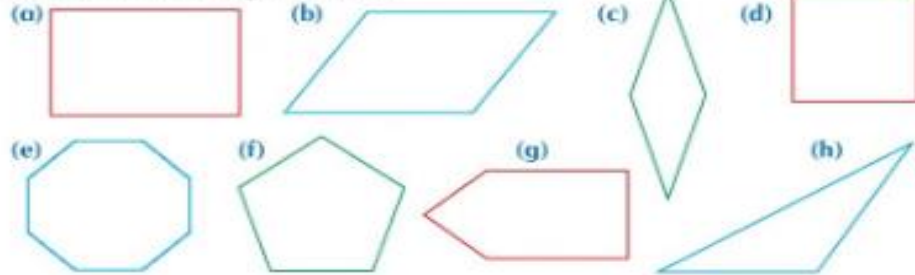
1. (a) $7 \times 2 = \square$ (b) $8 \times 3 = \square$ (c) $6 \times 5 = \square$ (d) $7 \times 6 = \square$
 (e) $9 \times 4 = \square$ (f) $4 \times 8 = \square$ (g) $8 \times 9 = \square$ (h) $7 \times 9 = \square$

2. (a) $8 \times 6 = (8 \times 4) + (8 \times \square) = \square$ (b) $9 \times 7 = (9 \times 3) + (9 \times \square) = \square$
 (c) $9 \times 5 = (\square \times 4) + (\square \times 1) = \square$ (d) $8 \times 9 = (\square \times 5) + (\square \times 4) = \square$

3. (a) $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$ (b) $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$ (c) $\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$

4. (a) $\begin{array}{r} 28 \\ \times 2 \\ \hline \end{array}$ (b) $\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$ (c) $\begin{array}{r} 42 \\ \times 6 \\ \hline \end{array}$ (d) $\begin{array}{r} 56 \\ \times 7 \\ \hline \end{array}$ (e) $\begin{array}{r} 75 \\ \times 5 \\ \hline \end{array}$ (f) $\begin{array}{r} 89 \\ \times 8 \\ \hline \end{array}$ (g) $\begin{array}{r} 89 \\ \times 9 \\ \hline \end{array}$

5. Scriobh ainm ceart gach crutha.



6. (a) $4 \overline{)24}$ (b) $6 \overline{)36}$ (c) $7 \overline{)42}$ (d) $8 \overline{)32}$ (e) $8 \overline{)40}$

7. $5 \overline{)30}$ $7 \overline{)49}$ $3 \overline{)27}$ $6 \overline{)48}$ $8 \overline{)64}$

8. $\frac{24}{3} = \square$ $\frac{16}{2} = \square$ $\frac{40}{5} = \square$ $\frac{35}{7} = \square$ $\frac{63}{9} = \square$

9. $\square \overline{)25}$ $\square \overline{)30}$ $\square \overline{)43}$ $\square \overline{)74}$ $\square \overline{)49}$

10. (a) $48 \div 7 = \square \text{ F } \square$ (b) $63 \div 8 = \square \text{ F } \square$ (c) $74 \div 8 = \square \text{ F } \square$

11. $3 \overline{)45}$ $5 \overline{)65}$ $7 \overline{)84}$ $8 \overline{)96}$ $6 \overline{)84}$

Ceisteanna 1-4: Méadú (multiplication)

- Nod do cheist 2
 - (a) $8 \times 6 = (8 \times 4) + (8 \times 2) = 48$ (bhris mé suas an **6 ina 4 + 2**)
- Críochnaigh ceisteanna 1-4 anois.

Ceist 5: Scriobh ainm ceart gach cruth. Úsáid na focail thíos.

Label the 2-D shapes. Use the names below.

- Cearnóg, peinteagán, peinteagán neamhrialta, triantán, comhthreomharán, heicseagán, cearnóg, rombus

Ceisteanna 6-11.

Roinnt. Déan a,b,c. Beidh fuíollach agat i gcuid acu.

Some answers will have a remainder. Answer a,b and c from each question 6-11.

Súil siar

1. Cén sórt **uillinne** atá idir **lámha** na gclóg thíos?

dronuillinn géaruillinn maoluillinn



Ceist 1:

Cén sort uillinne atá idir lámha na gclóg thíos.

What type of angles to the clockhands below show.

- Dronuillinn – right angle = 90 degrees
- Géaruillinn – acute angle : less than 90 degrees
- Maoluillinn – obtuse : greater than 90 degrees.

2. Lean de na pátrúin seo.

- | | |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| (a) 126, 127, 128, 129, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> | (b) 138, 140, 142, 144, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> |
| (c) 760, 770, 780, 790, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> | (d) 3460, 3470, 3480, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> |
| (e) 7600, 7700, 7800, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> | (f) 184, 183, 182, 181, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> |
| (g) 550, 540, 530, 520, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> | (h) 8500, 8400, 8300, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> |
| (i) 2782, 3782, 4782, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> | (j) 9341, 8341, 7341, <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> |

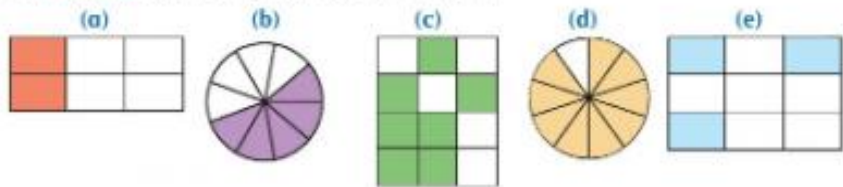
Ceist 2:

Lean de na pátrúin seo. Féach ar an ngaol idir na huimhreacha agus oibrigh amach an pátrún atá le leanúint.

Complete the patterns. Look closely and find the relationship between the numbers so that you will know what the pattern to follow is.

- Críochnaigh Ceist 2 anois. Déan a, c, e, g agus i.

3. Cén **codán** de gach cruth atá (i) daite (ii) bán?



Ceist 3:

Cén codán de gach cruth atá (i) daite (ii) bán?

What fraction of each shapes is (i) coloured (ii) white?

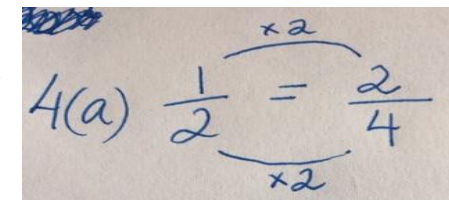
- Déan ceist 3 anois.

- | | | | | |
|------------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| (a) $\frac{18}{24} = \frac{\square}{4}$ | (b) $\frac{18}{24} = \frac{\square}{3}$ | (c) $\frac{18}{24} = \frac{\square}{12}$ | (d) $\frac{18}{24} = \frac{\square}{12}$ | (e) $\frac{18}{24} = \frac{\square}{6}$ |
| (f) $\frac{18}{24} = \frac{\square}{12}$ | (g) $\frac{18}{24} = \frac{\square}{6}$ | (h) $\frac{18}{24} = \frac{\square}{12}$ | (i) $\frac{18}{24} = \frac{\square}{10}$ | (j) $\frac{18}{24} = \frac{\square}{10}$ |
| (k) $\frac{18}{24} = \frac{\square}{6}$ | (l) $\frac{18}{24} = \frac{\square}{6}$ | (m) $\frac{18}{24} = \frac{\square}{10}$ | (n) $\frac{18}{24} = \frac{\square}{10}$ | (o) $\frac{18}{24} = \frac{\square}{12}$ |

Ceist 4:

Equivalent fractions. What you do to the top, you do to the bottom. E.g

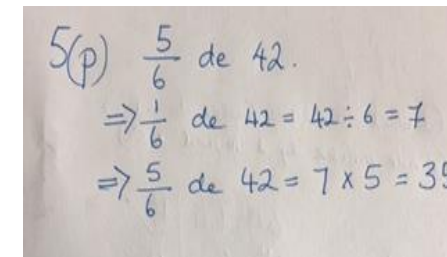
Déan Ceist 4 b, d, f, h, j, l, n anois.





- | | | | |
|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| (a) $\frac{1}{2}$ de 18 = <input type="checkbox"/> | (b) $\frac{1}{2}$ de 16 = <input type="checkbox"/> | (c) $\frac{1}{3}$ de 40 = <input type="checkbox"/> | (d) $\frac{1}{3}$ de 45 = <input type="checkbox"/> |
| (e) $\frac{1}{4}$ de 12 = <input type="checkbox"/> | (f) $\frac{1}{4}$ de 30 = <input type="checkbox"/> | (g) $\frac{1}{5}$ de 18 = <input type="checkbox"/> | (h) $\frac{1}{5}$ de 20 = <input type="checkbox"/> |
| (i) $\frac{1}{2}$ de 16 = <input type="checkbox"/> | (j) $\frac{1}{2}$ de 35 = <input type="checkbox"/> | (k) $\frac{1}{3}$ de 24 = <input type="checkbox"/> | (l) $\frac{1}{3}$ de 36 = <input type="checkbox"/> |
| (m) $\frac{1}{3}$ de 30 = <input type="checkbox"/> | (n) $\frac{1}{2}$ de 40 = <input type="checkbox"/> | (o) $\frac{1}{5}$ de 25 = <input type="checkbox"/> | (p) $\frac{1}{3}$ de 42 = <input type="checkbox"/> |
| (q) $\frac{1}{10}$ de 70 = <input type="checkbox"/> | (r) $\frac{1}{3}$ de 24 = <input type="checkbox"/> | (s) $\frac{1}{10}$ de 80 = <input type="checkbox"/> | (t) $\frac{1}{3}$ de 54 = <input type="checkbox"/> |
| (u) $\frac{1}{3}$ de 63 = <input type="checkbox"/> | (v) $\frac{1}{3}$ de 48 = <input type="checkbox"/> | (w) $\frac{1}{3}$ de 54 = <input type="checkbox"/> | (x) $\frac{1}{3}$ de 64 = <input type="checkbox"/> |

Ceist 5: Déan c, g, k, o, s, w anois. E.g.

Scríobh amach iad cosúil leis an sampla atá déanta agamsa. Show your working out as I have done in the example.



Súil siar

1. Cad é iomlán 2317, 1270 agus 3402?
2. Cad é an difríocht idir 7687 agus 3142?
3. Cé mhéad níos mó atá 8751 ná 4328?
4.  Tá 54 sop óil i mbosca. Cé mhéad sop óil atá i 7 mbosca?
5.  Bhí 63 milseán ag an máinteoir. Chomhroinn sí go cothrom iad ar 9 bpáiste. Cé mhéad milseán a fuair gach páiste?


6. Cosnaíonn camán €16.75 agus cosnaíonn sliotar €4.27.
Cad é costas iomlán camáin agus sliotair?



7. Cad é $\frac{4}{5}$ de 45?

8. Choigil Pat €24.78. Choigil Siobhán €32.56.
Cé mhéad ar fad atá coigilte ag an mbeirt acu?





9.  Tá bailiúchán de 3472 stampa ag Ciarán. Tá 1239 níos lú ná sin ag Dara. Cé mhéad stampa atá ag Dara?

10. Bain dhá mhíle, trí chéad seachtó a sé ó shé mhíle,
cúig chéad cooga a trí.

11. Faigh iomlán aon mhíle, dhá chéad a sé, trí mhíle, sé chéad fiche a seacht agus dhá mhíle, cúig chéad a naoi.

12. Cheannaigh Eli leabhar ar €12.56, áireamhán ar €9.38 agus léine spóirt ar €36.43. Cé mhéad ar fad a chaith sé?

13.   Dhiol an siopadóir 5 bhosca d'uibheacha móra agus 8 mbosca d'uibheacha beaga. Cé mhéad ubh ar fad a dhiol sé?
uibheacha móra uibheacha beaga

14. Rinneadh 8146 teilifíseán i monarcha. Rinneadh 2459 raidió níos lú ná sin. Cé mhéad raidió a rinneadh sa mhonarcha?

15. Chosain scáthán €68.45. Chosain lampa €27.89 níos mó ná sin. Cé mhéad a chosain an lampa?

Réiteach fadhbanna – Problem Solving

- Déan ceisteanna 1, 2, 3, 4, 5, 6, 9 agus 13.

Táblaí na Seachtaine: 2, 4 & 8

