

Asesiad Athro

Cyfnodau Allweddol 2 a 3

Mathemateg : proffil dysgwr

Lefel 5

Rhagarweiniad

Bwriad y proffil hwn yw cynorthwyo athrawon o ran y mathau o dystiolaeth y gallan nhw eu cymryd i gyfarfod clwstwr er mwyn cefnogi'r canfyddiadau cyd-fynd orau a wnaethpwyd. Mae'r proffil hefyd yn dangos bod y dystiolaeth i'w chanfod yn bennaf yn llyfr y disgybl, ac felly eisoed ar gael i'r athrawon.

Mae'r proffil hefyd yn cynnwys sylwebaeth fanwl sy'n cynnig eglurhad clir o ran pam y cafodd y lefel cyd-fynd orau ei phennu. Does dim awgrym na disgwyliad bod angen cynhyrchu proffil ar gyfer pob disgybl yn y cohort nac ychwaith yr angen i athrawon ysgrifennu sylwebaeth mor gynhwysfawr.

Proffil Mathemateg Dysgwr – sylwebaeth

O fewn y ddogfen hon, ceir :

- anodiadau mewn bocsys melyn, sy'n cyfateb yn union â datganiadau o fewn y disgrifiad lefel
- anodiadau mewn bocsys pinc, sydd **ddim** yn cyfateb yn union â datganiadau o fewn y disgrifiad lefel, ond sy'n cynnig gwybodaeth ychwanegol i **gefnogi** barn athrawon (Fel canllaw, defnyddir Rhaglen Astudio Cyfnod Allweddol 2 a 3 Mathemateg diwygiedig, sy'n cynnwys y Fframwaith Rifedd Genedlaethol) (Bl.5 (yn awgrymu L4+), Bl.6 (yn awgrymu L5) a Bl.7 (yn awgrymu L5))

NODER : Pan fydd bocys melyn / pinc yn ymddangos, mae angen edrych ar sawl darn o waith sy'n dilyn, nid ar y dudalen honno'n unig.

Five Minute Adding Frenzy (A)

Write the sum of the column and row numbers in each space.

(Range 21 to 50)

26	27	34	50	28	38	49	29	23	47	+
67	68	75	91	69	79	90	70	64	88	41
63	64	71	87	65	75	86	66	60	84	37
68	69	76	92	70	80	91	71	65	89	42
49	50	57	73	51	61	72	52	46	70	23
51	52	59	75	53	63	74	54	48	72	25
74	75	82	98	76	86	97	77	71	95	48
66	67	74	90	68	78	89	69	63	87	40
65	66	73	89	67	77	88	68 ^(*)	62	86	39
69	70	77	93	71	81	92	72	66	90	43
60	61	68	84	62 ^{2(*)}	72	83	63	57	81	34

Time: 20 minits RHAGOROL

100/100

$$1* \quad 39 + 29 \rightarrow 40 + 30 = 70$$
$$70 - 2 = 68$$

$$2 * 34 + 28 \rightarrow \underset{50}{30} + \underset{10}{20} + 8 + 4 \rightarrow 62$$

22/9/14

Tyrru Mewn colofnau

Anian

2 3 ¹ 2 9 3 7 2 9 2	1 4 ⁵ 7 3 8 1 1 9	1 4 ⁵ 6 4 9 1 0 7	4 6 ⁷ 12 6 7 4 0 5	2 9 8 6 8 2 3 0	4 7 8 4 7 4 3 1	2 3 ¹ 2 8 3 7 2 9 1
3 5 ⁸ 12 4 7 3 1 5	6 7 ⁸ 17 2 9 6 5 8	2 9 6 2 0 2 7 6	3 7 ⁸ 16 2 9 3 5 7	2 3 ⁹ 11 3 9 2 6 2		

Arbenning ti - saetha am y sêr!

Aur

2 3 ¹ 2 9 1 3 7 1 9 2	5 4 ⁸ 17 2 3 8 3 1 9	4 5 ⁹ 16 2 9 9 2 0 7	4 6 ⁷ 12 2 4 7 2 2 5	2 8 9 1 4 8 1 4 1	2 7 8 1 4 7 1 3 1	2 3 ⁹ 12 8 2 3 7 9 1
2 3 ⁶ 2 1 7 0 1 9 2	5 6 ⁷ 17 4 8 9 1 7 8	2 8 6 2 2 0 0 6 6	2 3 ¹² 16 1 2 9 1 9 7	2 3 ¹ 1 1 9 0 1 2 1	Wedi saethu am y sêr.	



29/09/14

Cyffwrdd - Average

Cymedr - Rydym yn adio y gwerthoedd mewn set o ddata ac yna yn rhannu gyda'r nifer o werthoedd.

Canolrif - Rhoi y rhifau mewn trefn gan ddechrau gyda'r lleiaf, yna canfod y rhif sydd yn y canol. Hwn yw'r canolrif. Os oes dau rif yn y canol mae angen darganfod y rhif sydd hanner ffordd rhwng y ddau.

Modd - Y gwerth sydd yn ymddangos amlaf. Gall fod dim un neu mwy nag un.

Amrediad - Amrediad set o ddata yw'r gwahaniaeth rhwng y gwerth uchaf a'r gwerth isaf.

Amrediad = Gwerth uchaf - Gwerth isaf

LEFEL 5

Defnyddio cymedr data arwahanol

2/10/14 Amrediad, Cymedr

Aur

$$1). \text{Amrediad} = 36 - 21 = 15 \quad \checkmark$$

$$\text{Cymedr} = 36 + 30 + 21 = 87 \div 3 = 29 \quad \checkmark$$

$$2). \text{Amrediad} = 54 - 32 = 22 \quad \checkmark$$

$$\text{cymedr} = 54 + 44 + 32 = 130 \div 3 = 43 \frac{1}{3} \quad \checkmark$$

$$3). \text{Amrediad} = 56 - 32 = 24$$

$$\text{cymedr} = 56 + 51 + 32 = 139 \div 3 = 46 \frac{1}{3} \quad \checkmark$$

$$4). \text{Amrediad} = 92 - 16 = 76$$

$$\text{cymedr} = 92 + 32 + 16 = 140 \div 3 = 46 \quad \checkmark$$

$$5). \text{Amrediad} = 67 - 15 = 52$$

$$\text{cymedr} = 67 + 39 + 15 = 121 \div 3 = 40 \frac{1}{3} \quad \checkmark$$

$$6). \text{Amrediad} = 78 - 43 = 35$$

$$\text{cymedr} = 78 + 56 + 43 = 177 \div 3 = 59 \quad \checkmark$$

☆ Gwaith rhagorol. Rwyf yn deall amrediad a chymedr.

☆ Gosod allan yn drefnus iawn.



Nod: Cryfhau dealltwriaeth o sut i ddod o hyd i gymedr set o ddata.

MPLI: Deall y broses o sut i ddod o hyd i gymedr.

Efydd



Arian



Aur



Platinwm



3,5,4

2 4, 15, 12

30, 36, 21 ✓

121, 230, 223

6,7,8

14,12,10

44, 32, 54 ✓

213, 425, 542

9,3, 6

15, 18, 24

56,32,51 ✓

432, 132, 184

6, 21, 9

18, 36, 12

16,92, 32 ✓

154, 176, 432

3,12, 15

21, 30, 6

15, 67, 39 ✓

210, 301, 321

18, 12, 3

33, 42, 60

43, 56, 78

309, 402, 328

$$350 + 350 = 700 \rightarrow 708$$

Dechrau



		<table border="1"> <tr> <td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td></tr> <tr> <td>223</td><td>422</td><td>635</td><td>741</td><td>246</td><td>967</td><td>354</td><td>689</td><td>354</td><td>102</td><td>674</td><td>102</td></tr> <tr> <td>446</td><td>211</td><td>1,270</td><td>370.5</td><td>492</td><td>483.5</td><td>(668)</td><td>344.5</td><td>(668)</td><td>51</td><td>1,348</td><td>51</td></tr> </table>										Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	223	422	635	741	246	967	354	689	354	102	674	102	446	211	1,270	370.5	492	483.5	(668)	344.5	(668)	51	1,348	51
Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner																																				
223	422	635	741	246	967	354	689	354	102	674	102																																				
446	211	1,270	370.5	492	483.5	(668)	344.5	(668)	51	1,348	51																																				
		<table border="1"> <tr> <td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td><td>Dwbl</td><td>Hanner</td></tr> <tr> <td>619</td><td>344</td><td>189</td><td>102</td><td>308</td><td>840</td><td>674</td><td>102</td><td>674</td><td>102</td><td>674</td><td>102</td></tr> <tr> <td>(1,234)</td><td>172.5</td><td>378</td><td>51</td><td>616</td><td>426</td><td>1,348</td><td>51</td><td>1,348</td><td>51</td><td>1,348</td><td>51</td></tr> </table>										Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	619	344	189	102	308	840	674	102	674	102	674	102	(1,234)	172.5	378	51	616	426	1,348	51	1,348	51	1,348	51
Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner																																				
619	344	189	102	308	840	674	102	674	102	674	102																																				
(1,234)	172.5	378	51	616	426	1,348	51	1,348	51	1,348	51																																				

$$\begin{aligned} 600 + 600 &= 1200 \\ 20 + 20 &= 40 \\ \rightarrow 1240 - 2 &= 1238 \end{aligned}$$

Arbening te.

Mathematik
pen.



Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner
530	982	544	172	567	328	606	124	276	564	552	274	552	274	552	274
1,060	491	1,088	86	1,134	164	1,212	62	1,212	282	1,212	282	1,212	282	1,212	282

Gorffen



	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl
412								
Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl	Hanner	Dwbl
458	100	505	828	336	118	727	364	
916	50	1010	414	672	59	1,454	182	

Digidau degol

1. Lluoswch y rhifau yma â 10, 100 neu 1000 drwy symud y digidau i'r chwith

Mn	CM	DM	M	C	D	U	d	c	
(a)						3	8		x10
(b)				4	1	0	1		x100
(c)			4	3	0	9	7		x1000
(ch)			8	6	0	9	0	9	x100
(d)				2	0	2	3	3	x10
(d)			8	2	1	0	1		x1000
(e)			7	6	2	0	6		x10
(f)			1	0	4	5	0	5	x1000



2. Rhannwch y rhifau yma â 10, 100 neu 1000 drwy symud y digidau i'r dde.

Mn	CM	DM	M	C	D	U	d	c	
(a)					5	7			÷10
(b)				8	2	2			÷100
(c)			5	0	6	0			÷1000
(ch)			1	9	4	5	2		÷10
(d)				3	0	5	8		÷10
(dd)				5	4	0			÷100
(e)			4	1	1	0	4		÷10
(f)			2	0	2	9	0	2	÷1000



LEFEL 5

Defnyddio eu dealltwriaeth o werth lle i luosi a rhannu rhifau cyfan a degolion

Defnyddio eu dealltwriaeth o werth
lle i luosi rhifau cyfan â 10 a 100.

LEFEL 5

Rhaglen Astudio Bl.6 (yn awgrymu Lefel 5)

Lluosi rhifau 2 ddigid â rhif 2 ddigid

$$\begin{array}{r}
 5.83 \times 75 = 6.400 \\
 \begin{array}{r}
 \times 20 \quad 3 \\
 \hline
 70 \quad 5.800 \quad 210 \\
 \hline
 5 \quad 400 \quad 15 \\
 \hline
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 6.49 \times 38 = 2000 \\
 \begin{array}{r}
 \times 30 \quad 8 \\
 \hline
 40 \quad 1200 \quad 320 \\
 \hline
 9 \quad 270 \quad 72 \\
 \hline
 \end{array}
 \end{array}$$

C.

$$\begin{array}{r}
 1.386 \times 87 = \\
 \begin{array}{r}
 \times 300 \quad 80 \quad 6 \\
 \hline
 80 \quad 2400 \quad 6400 \quad 480 \\
 \hline
 7 \quad 2100 \quad 3920 \quad 42 \\
 \hline
 \end{array}
 \end{array}$$

✓ Seall x hur yndda

3. 11. 14

Probleman geiriol.

1. $136 \times 52 = 7,072$ grawnwy. 2. $158 \times 75 = 11,850$ c.

50	2
5000	200
1500	60
300	12

$$\begin{array}{r} 5000 \\ 1500 \\ 300 \\ 60 \\ 12 \\ \hline 7072 \end{array}$$

x	70	5
100	7000	500
50	3500	250
8	560	40

$$\begin{array}{r} 7000 \\ 3500 \\ 560 \\ \hline 11850 \end{array}$$

3. $58 \times 61 = 3,538$ galwad ffon. 4. $360 \times 19 = 6,840$ o jocs.

50	8
3000	480
50	8

$$\begin{array}{r} 3000 \\ 480 \\ 8 \\ \hline 3538 \end{array}$$

x	300	60
10	3000	600
9	2700	540

$$\begin{array}{r} 3000 \\ 2700 \\ 540 \\ \hline 6840 \end{array}$$

5. $36 \times 48 = 1,728$ o cupanau. 6. $120 \times 176 = 21,120$ o bounsiâu pêl.

30	6
1200	240
240	48

$$\begin{array}{r} 1200 \\ 240 \\ 48 \\ \hline 1728 \end{array}$$

x	100	70	6
100	10000	7000	600
20	2000	1400	120

$$\begin{array}{r} 10000 \\ 2000 \\ 1400 \\ 120 \\ \hline 21120 \end{array}$$

7. $36 \times 145 = 5,220$ ml cupanau. 8. $14 \times 14 = 196$ o milliroedd.

100	40	5
3000	1200	150
600	240	30

$$\begin{array}{r} 3000 \\ 1200 \\ 600 \\ 240 \\ 150 \\ 30 \\ \hline 5220 \end{array}$$

LEFEL 5

Trosi un uned fetrig i un arall

$$9. 8 \times 27 = 216 \text{ g o greision.}$$

x	207	
8	160	56

1	6	0
	5	6
2	1	6

10. Os mae Ryan yn bwyta 6 banana pob diwrnod faint mae fe wedi bwy ar diwedd mis Hydredd?

Problemau geiriol

Grŵp 1

MPLI: Gwybod pa strategaeth sydd angen er mwyn ateb y cwestiynau.

Medru dangos yn glir sut ddes i i'r ateb.

1. Mae Manon yn bwyta 136 grawnwyn pob wythnos. Sawl ^{grawnwyn}afal ydy hi'n bwyta mewn blwyddyn?
2. Mae George yn teithio ar fws i Aberystwyth 158 gwaith mewn blwyddyn. Pris pob taith yw 75c. Beth ydy'r gost i gyd?
3. Ar gyfartaledd mae Ysgol Ciliau Parc yn derbyn 58 galwad ffôn pob dydd. Sawl galwad ffôn mae'r ysgol yn ei dderbyn ar gyfartaledd ym mis Tachwedd a mis Hydref?
4. Pob munud, mae lolo yn dweud 19 jôc. Sawl jôc mae lolo'n dweud mewn chwech awr?
5. Mae Joanne yn pacio 36 cwpan mewn bocs bach ac yn llanw bocs mawr gyda 48 bocs bach. Sawl cwpan sydd yn y bocs mawr?
6. Mae Gruffydd yn medru bownsio pêl 176 gwaith pob munud. Sawl gwaith mae'n bownsio pêl mewn dwy awr?
7. Mae Osian yn yfed 36 cwpan o ddŵr. Mae pob cwpan yn dal 145ml o ddŵr. Sawl ml o ddŵr ydy Osian yn yfed?
8. Mae bws yn teithio o Aberaeron i Lamed (14 milltir) 14 gwaith y dydd am bob dydd ym mis Awst a mis Medi. Sawl milltir ydy'r bws yn teithio i gyd?
9. Bwytodd Miss Moore pecyn o greision 'Prawn Cocktail' pob yn ail dydd am bythefnos. Roedd 27g o greision ym mhob pecyn. Sawl gram o greision bwytodd Miss Moore?
10. Ysgrifennwch broblem i'ch ffrind i ateb.

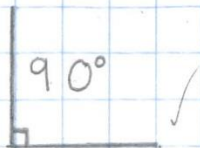


Da ti, deall sut i ateb problemau geiriol.

10.11.14

Mesur onglau

Onglau sgafwr = 90°

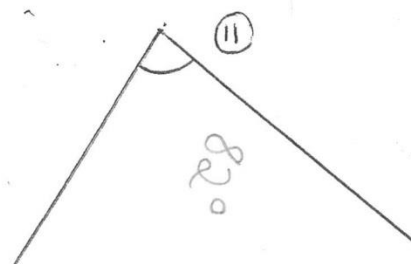
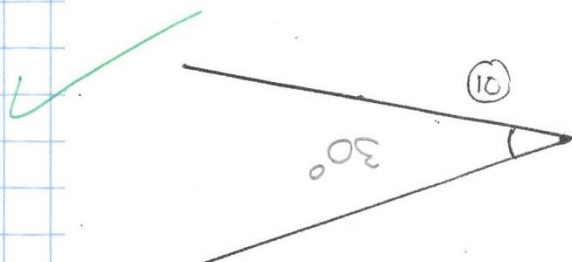
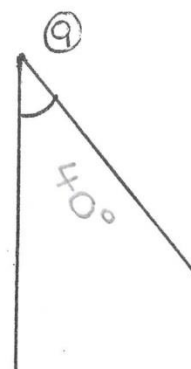
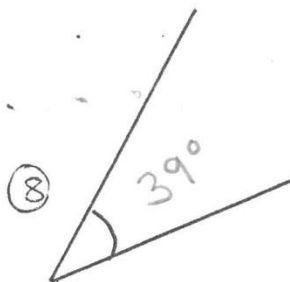
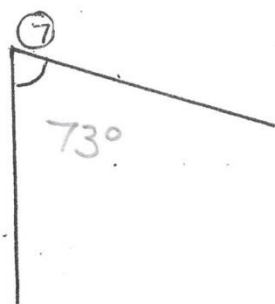
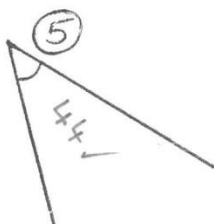
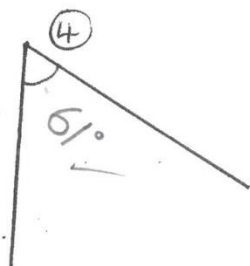
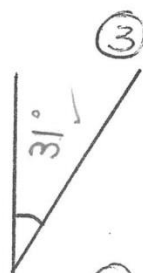
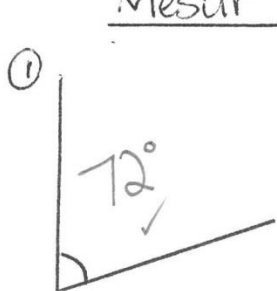


90

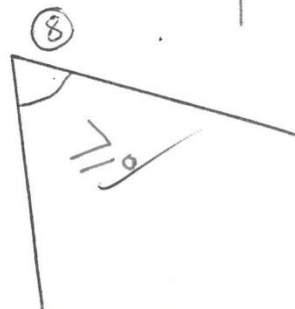
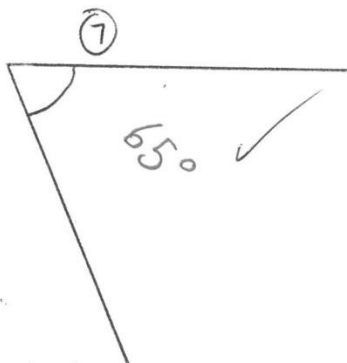
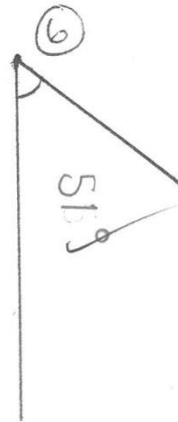
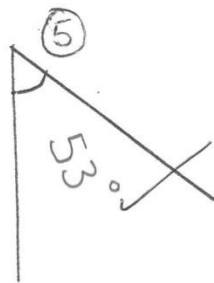
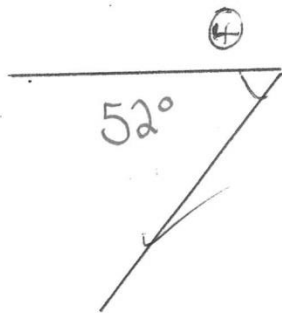
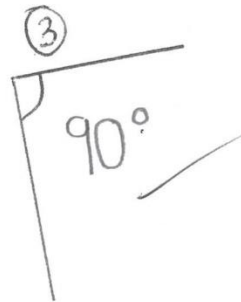
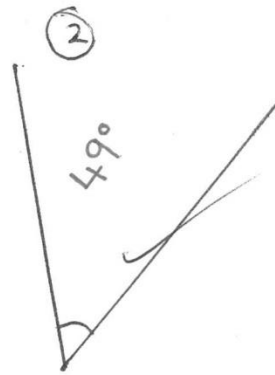
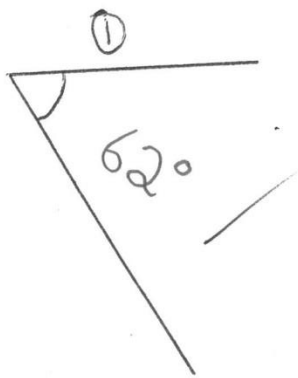
LEFEL 5

Mesur a llunio onglau i'r radd agosaf

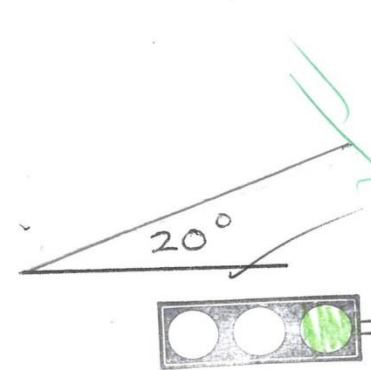
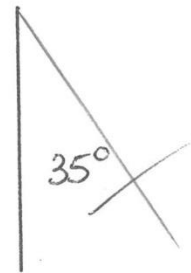
Mesur onglau



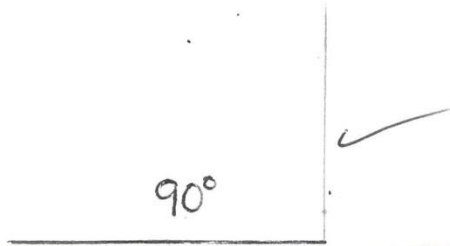
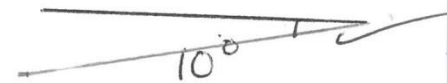
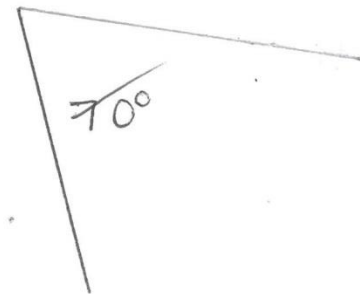
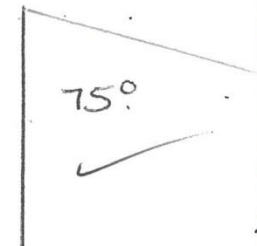
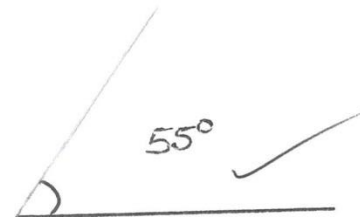
Beth ydy'r ongl?

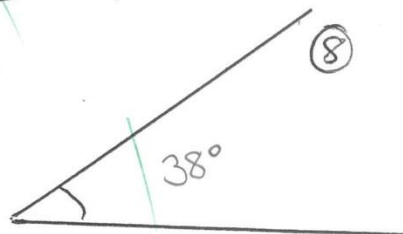
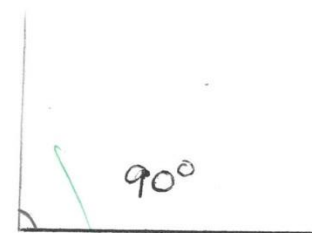
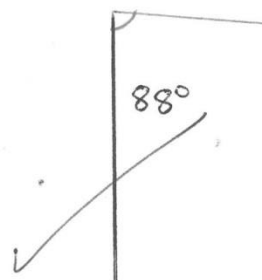
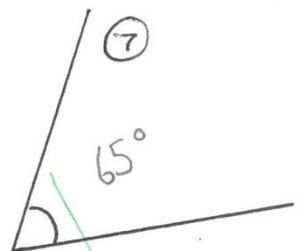
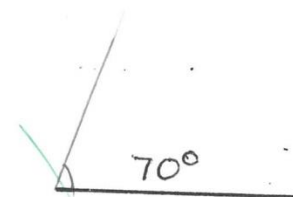
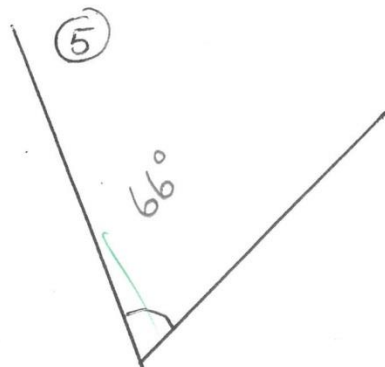
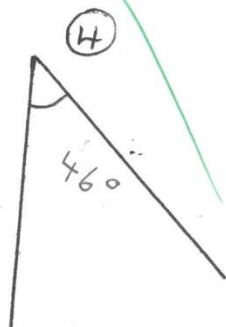
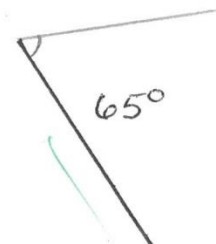
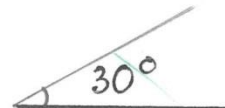
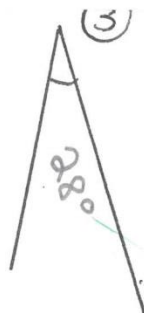
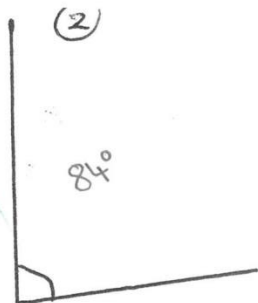
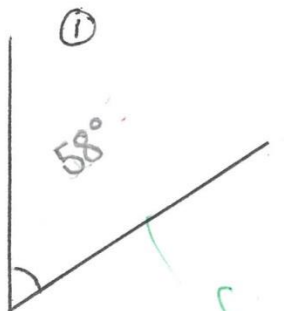


Tynnwch ongl sy'n mesur...

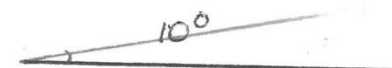


Deallut i fesur onglau.



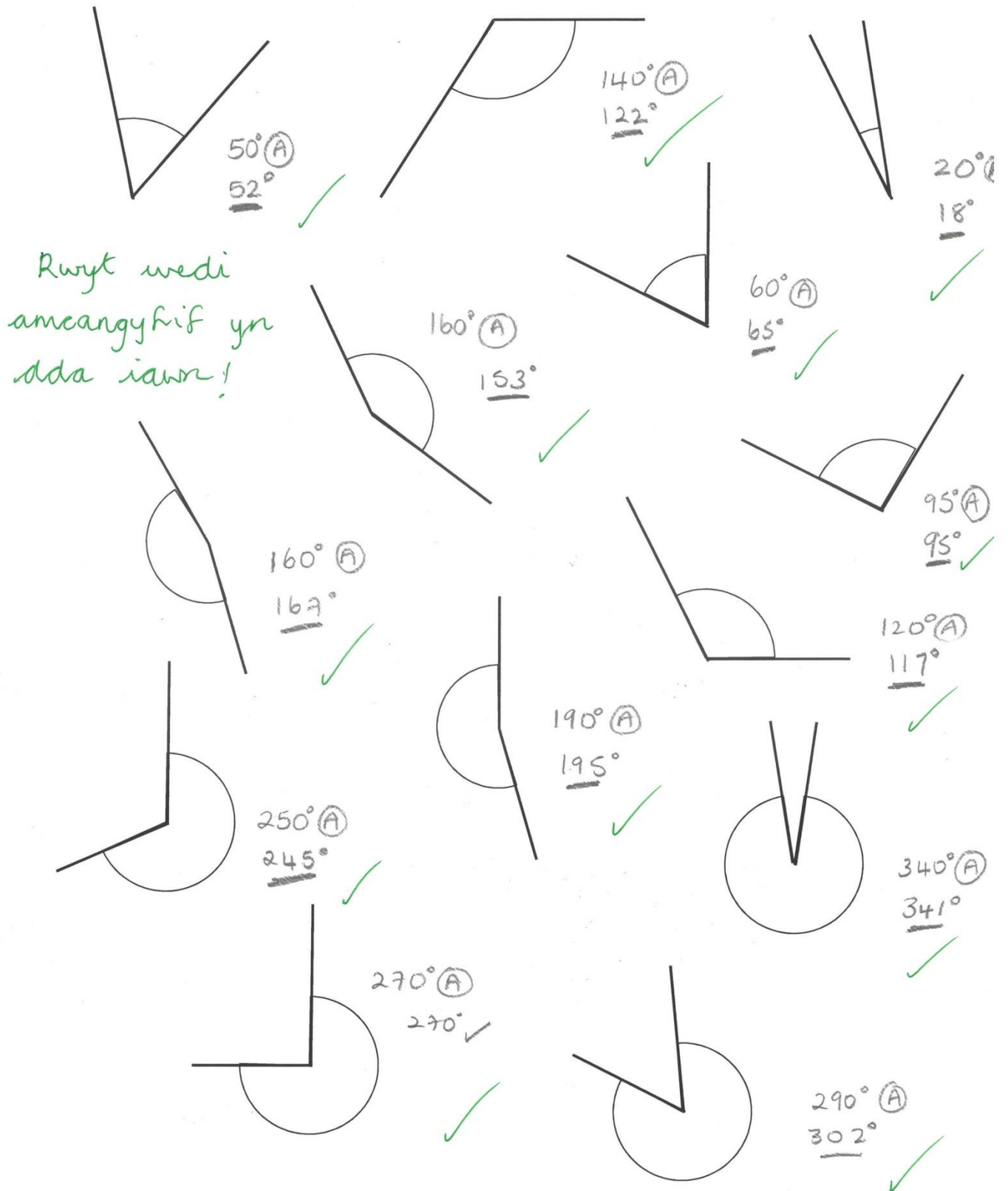


Medru llunio
a mesur onglau'n
gywir.



Amcangyfrifwch maint pob un o'r onglau canlynol a nodwch pa fath o ongl ydyw (lem, aflem neu atblyg)

Ar ôl amcangyfrif, mesurwch pob ongl yn fanwl gywir



25/11/14

Geirfa Cyfesurynnau

Cwadrant

Tarddbwynt (0, 0)

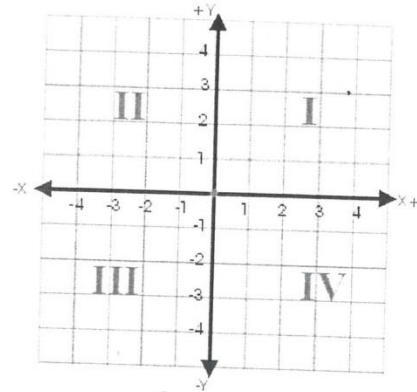
Echelin x, echelin y

Llorweddol, fertigol

Absisa - cyfesuryn 'x'

Mesuryn - cyfesuryn 'y'

negyddol

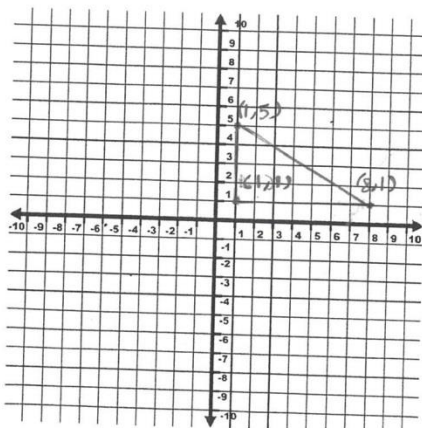


Ym mha cwadrant ydy'r cyfesurynnau yma?

1. (5, 7)	2. (-3, -2)	3. (-7, 4)	4. (1, -3)	5. (4, 5)	6. (-1.5, -2.5)
<i>cwadrant I</i>	<i>cwadrant III</i>	<i>cwadrant II</i>	<i>cwadrant IV</i>	<i>cwadrant I</i>	<i>cwadrant II</i>
7. (-3, 2)	8. (2, -6)	9. (-4, -1)	10. (3, -5)	11. (-4, 8)	12. (-2/3, 1/3)
<i>cwadrant II</i>	<i>cwadrant IV</i>	<i>cwadrant III</i>	<i>cwadrant IV</i>	<i>cwadrant II</i>	<i>cwadrant II</i>

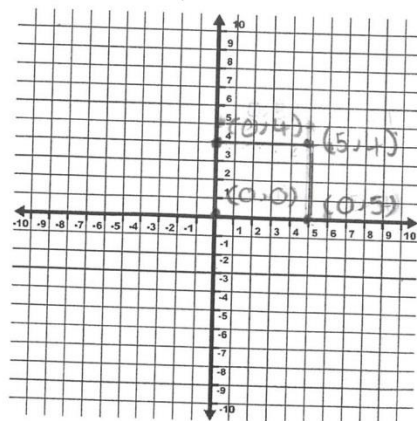
Plotia'r pwyntiau yna ar y graff. Beth ydy enw'r siap?

1. A(1, 1), B(8, 1), C(1, 5)



Triangl ongl sgwâr

2. P(0,0), Q(5, 0), R(5, 4) S(0, 4)



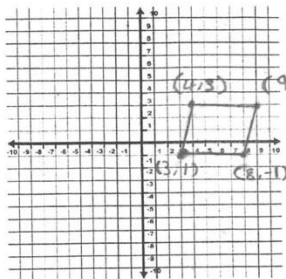
Petrïjal

25 / 11 / 14

LEFEL 5

Defnyddio cyfesurynnau ym mhob un o'r pedwar pedrant

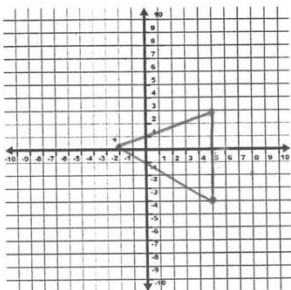
3. C(8, -1), A(9, 3), L(4, 3), F(3, -1)



Paralelagom

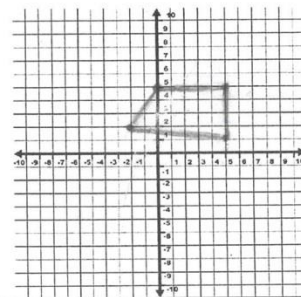
4. H(-4, 0), C

5. H(5, -3), E(5, 3), N(-2, 0)

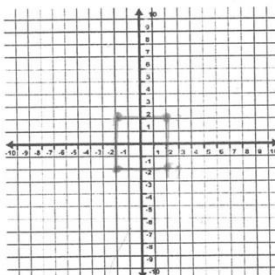


Triangl

6. F(5, 1), A(5, 5), R(0, 5), M(-2, 2)

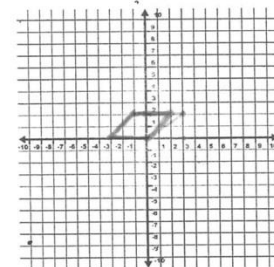


7. B(-2, -2), A(2, -2), r(2, 2), N(-2, 2)



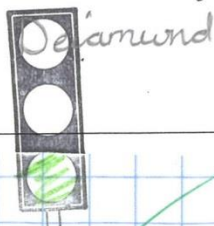
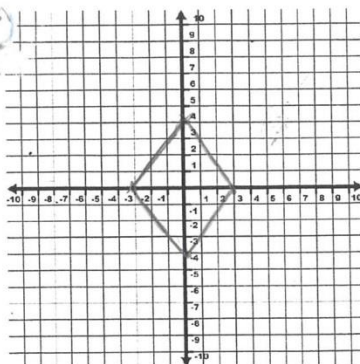
Sgwâr

8. P(-3, 0), O(0, 0), N(2, 2), D(-1, 2)

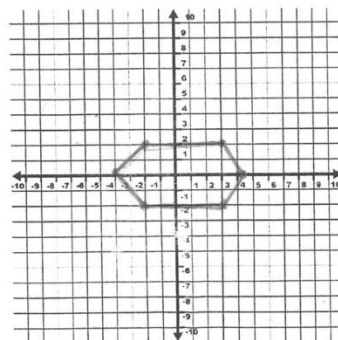


Paralelagom

9. S(3, 0), T(0, 4), A(-3, 0), R(0, -4)



10. P(4, 0), L(2, 2), A(-2, 2), N(-4, 0), E(-2, -2), T(2, -2)



hecsagon

Deall 4 pedrant

dati

Croesi'r Grid

Eich her ydy teithio o'ch cartref i'r Ysgol ar draws y grid ac yna dod yn ôl o'r Ysgol i'ch cartref mewn ffordd wahanol.

Rhaid dangos sut daethoch i'r ateb mewn ffurf grid.

Pob lwc!

Cartref

23×26	84×43	147×34	231×173	227×37	202×28	49×13	327×15
632×36	34×219	527×13	728×63	929×42	156×94	835×72	923×45
924×16	57×27	71×36	193×38	831×91	835×73	806×53	42×39
438×38	615×15	38×49	622×27	214×55	583×27	207×39	34×57
664×24	816×38	57×37	763×24	289×48	391×34	320×58	74×38

**Rhaglen Astudio BI.7
(yn awgrymu Lefel 5)**

Iluosi rhifau cyfan 3 digid â rhifau
cyfan 2 ddigid

Ysgol



$$23 \times 26 = 596$$

X	20	6		4	0	0
20	400	120		1	2	0
3	60	18			6	0
					1	8
				5	9	8

$$289 \times 48 = 13,872$$

x	200	80	9		8, 0 0 0
40	8000	3200	360		3, 2 0 0
8	1600	640	72		1, 6 0 0
					6 4 0
					3 6 0
					7 2

$$34 \times 219 = 7446$$

x	200	10	9	6,	0	0	0
30	6000	300	270		8	0	0
4	800	40	36		3	0	0
					2	7	0
						4	0
						3	6
					7,	4	4

$$583 \times 27 = 15,741$$

x	500	80	3	1	0	0	0	0
20	1000	1600	60		3	5	0	0
7	3500	560	21		1	6	0	0
						1	5	6
							1	6
							2	1
					1	5	7	4

$$57 \times 27 = 1,539$$

x	50	7		1, 0	0	0
20	1000	140		3	5	0
7	350	49		1,	4	0
					4	9
				1,	5	3

$806 \times 53 = 4$

x	800	0,6	4	0,0	0	0
50	4000	0,300	2,4	0	0	0
3	2400	0,18		3	0	0
						18
				4	2	7 1,8

Gwaith
arbennig

$$438 \times 38 = 16,644$$

[illegible]

$$835 \times 72 = 60120$$

[illegible]

$$664 \times 24 = 15,936$$

x	600	60	4	1	2	0	0	0	1	6	
20	1200	1200	80		2	4	0	0	1	5	9
4	2400	240	16		1	2	0	0			
					2	4	0				
						8	0				

$$327 \times 15 = 4905$$

6	x	300	20	7	3, 0 0 0	7 0
4		10	3000	200	70	1, 5 0 0
8		5	1500	100	35	2 0 0
						4, 9 0 5
					1 0 0	

Ymarfer Tablau Lluosi

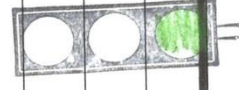
Enw:.....

Manon Williams

Blwyddyn:.....

Bl.6

x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	Cymysg
1x2=2	1x3=3	1x4=4	1x5=5	1x6=6	1x7=7	1x8=8	1x9=9	1x10=10	1x11=11	1x12=12	
2x2=4	2x3=6	2x4=8	2x5=10	2x6=12	2x7=14	2x8=16	2x9=18	2x10=20	2x11=22	2x12=24	
3x2=6	3x3=9	3x4=12	3x5=15	3x6=18	3x7=21	3x8=24	3x9=27	3x10=30	3x11=33	3x12=36	
4x2=8	4x3=12	4x4=16	4x5=20	4x6=24	4x7=28	4x8=32	4x9=36	4x10=40	4x11=44	4x12=48	
5x2=10	5x3=15	5x4=20	5x5=25	5x6=30	5x7=35	5x8=40	5x9=45	5x10=50	5x11=55	5x12=60	
6x2=12	6x3=18	6x4=24	6x5=30	6x6=36	6x7=42	6x8=48	6x9=54	6x10=60	6x11=66	6x12=72	
7x2=14	7x3=21	7x4=28	7x5=35	7x6=42	7x7=49	7x8=56	7x9=63	7x10=70	7x11=77	7x12=84	
8x2=16	8x3=24	8x4=32	8x5=40	8x6=48	8x7=56	8x8=64	8x9=72	8x10=80	8x11=88	8x12=96	
9x2=18	9x3=27	9x4=36	9x5=45	9x6=54	9x7=63	9x8=72	9x9=81	9x10=90	9x11=99	9x12=108	
10x2=20	10x3=30	10x4=40	10x5=50	10x6=60	10x7=70	10x8=80	10x9=90	10x10=100	10x11=110	10x12=120	
11x2=22	11x3=33	11x4=44	11x5=55	11x6=66	11x7=77	11x8=88	11x9=99	11x10=110	11x11=121	11x12=132	
12x2=24	12x3=36	12x4=48	12x5=60	12x6=72	12x7=84	12x8=96	12x9=108	12x10=120	12x11=132	12x12=144	
15x2=30	15x3=45	15x4=60	15x5=75	15x6=90	15x7=105	15x8=120	15x9=135	15x10=150	15x11=165	15x12=180	
20x2=40	20x3=60	20x4=80	20x5=100	20x6=120	20x7=140	20x8=160	20x9=180	20x10=200	20x11=220	20x12=240	
100x2=200	100x3=300	100x4=400	100x5=500	100x6=600	100x7=700	100x8=800	100x9=900	100x10=1000	100x11=1100	100x12=1200	



Cofia ddefnyddio ' = ' ✓

1* Swt?

$$\begin{array}{r} 10 \times 4 = 40 \\ 5 \times 4 = 20 \end{array}$$

2* (10 x 8) a dyblu
80 x 2 = 160

Adolygu plws

6.1.15 > < =

= yn hŷgal; yr un werth; e.e. $2 = \frac{4}{2}$

> yn fwy na; e.e. $34 > 8$

< yn llai na; e.e. $8 < 34$

$45 < 63$ ✓ $328 < 4$ ✓

$29 < 87$ ✓ $7.9 > 3.6$ ✓

$46 < 59$ ✓ $1.2 < 4.2$ ✓

$32 > 14$ ✓ $3.8 < 12.1$ ✓

$48 > 7$ ✓ $7.7 > 7.07$ ✓

Rhaglen Astudio BI.5 (yn awgrymu Lefel 4+)

Defnyddio < > i nodi bod rhif yn fwy neu'n llai nag un arall gan weithio gyda gwahanol fathau o rifau.

Write the Correct Comparison Symbol (> , < or =) in Each Box

1) -92 -54

11) -22 -41

2) 55 12

12) 18 97

3) -68

13) 48 63

4) -19

14) -23 -45

5) -14

15) -59 -29

6) -35

16) 36 38

7) 95 57

17) -28 -56

8) 80 84

18) 56 87

9) -32 -63

19) 71 85

10) 18 14

20) 65 80

Cyfrifiadau Bracedi

Ffordd 1	Ateb	Ffordd 2	Ateb	Nodiadau
$4 + (10 \times 5)$ $4 + 50$	54 ✓	$(4 + 10) \times 5$ 14×5	70 ✓	$4 + 50 = 54$
$8 + (2 \times 9)$ $8 + 18$	26 ✓	$(8 + 2) \times 9$ 10×9	90 ✓	$8 + 18 = 26$
$49 + (6 \times 30)$ $49 + 180$	229 ✓	$(49 + 6) \times 30$ 55×30	1,650 ✓	$49 + 180 = 229$
$56 + (15 \times 9)$ $56 + 135$	191 ✓	$(56 + 15) \times 9$ 71×9	639 ✓	$56 + 135 = 191$
$245 + (35 \times 78)$ $245 + 2,730$	2,975 ✓	$(245 + 35) \times 78$ 280×78	21,740 ✓	$35 \times 78 = 2,730$ $+ 245 = 2,975$
$6 + (10 \times 9)$ $6 + 90$	96 ✓	$(6 + 10) \times 9$ 16×9	144 ✓	$10 \times 9 = 90$ $6 + 90 = 96$
$9 + (8 \times 55)$	449 ✓	$(9 + 8) \times 55$ 17×55	1,145 ✓	$8 \times 50 = 400$ $8 \times 5 = 40 + 9$
$12 + (7 \times 8)$ $12 + 56$	68 ✓	$(12 + 7) \times 8$ 19×8	152 ✓	$56 + 12$
$208 + (100 \times 0.7)$ 0.70	278 ✓	$(208 + 100) \times 0.7$ 308×0.70	215 ✓	$0.70 \times 208 = 145.6$ $208 + 145.6 = 353.6$
$98 + (4 \times 7)$ $98 + 28$	126 ✓	$(98 + 4) \times 7$ 102×7	84 ✓	$28 + 98 = 126$

Ffordd 1 neu 2 oedd ar atebion mwyaf?

ffordd 2 gyda 21,740

Wyt ti'n meddwl am ddefnydd i osod dy gyfrifau allan yn y ffordd yma?

Na

Estyniad: Ysgrifenna o leiaf 6 cyfrifiad sy'n defnyddio tynnu ac adio dy hunan. Beth wyt yn sylwi am yr atebion? Mae rhai atebion yr un peth.

Er enghraifft:

$(3 + 7) - 2 = 8$ $3 + (7 - 2) = 8$

Manon

Amser/10munyd

x2	x3	x4	x5	x6	x7
8X2 16✓	3X3 9✓	9X4 36✓	5X5 25✓	11X6 66✓	3X7 21✓
2X2 4✓	5X3 15✓	4X4 16✓	10X5 50✓	7X6 42✓	11X7 77✓
11X2 22✓	10X3 30✓	11X4 44✓	7X5 35✓	12X6 72✓	9X7 63✓
12X2 24✓	8X3 24✓	6X4 24✓	3X5 15✓	6X6 36✓	12X7 84✓
3X2 6✓	1X3 3✓	2X4 8✓	8X5 40✓	1X6 6✓	8X7 56✓
5X2 10✓	12X3 36✓	7X4 28✓	2X5 10✓	4X6 24✓	5X7 35✓
12÷2 6✓	3÷3 1✓	48÷4 12✓	5÷5 1✓	12÷6 2✓	14÷7 2✓
18÷2 9✓	24÷3 8✓	20÷4 5✓	55÷5 11✓	60÷6 10✓	28÷7 4✓
22÷2 11✓	12÷3 4✓	28÷4 7✓	20÷5 4✓	18÷6 3✓	56÷7 8✓
10÷2 5✓	33÷3 11✓	40÷4 10✓	30÷5 6✓	30÷6 5✓	42÷7 6✓
14÷2 7✓	6÷3 2✓	32÷4 8✓	45÷5 9✓	48÷6 8✓	49÷7 7✓
4÷2 2✓	21÷3 7✓	12÷4 3✓	35÷5 7✓	66÷6 11✓	70÷7 10✓

x8	x9	x10	x11	x12	Cymysg
1X8 8✓	5X9 45✓	3X10 30✓	4X11 44✓	12X12 144✓	12X7 84✓
4X8 32✓	12X9 108✓	10X10 100✓	6X11 66✓	3X12 36✓	7X5 35✓
2X8 16✓	6X9 54✓	6X10 60✓	12X11 132✓	11X12 132✓	6X6 36✓
9X8 72✓	8X9 72✓	7X10 70✓	9X11 99✓	8X12 96✓	5X7 35✓
11X8 88✓	1X9 9✓	9X10 90✓	2X11 22✓	2X12 24✓	8X9 72✓
6X8 48✓	3X9 27✓	5X10 50✓	11X11 121✓	6X12 72✓	4X8 32✓
96÷8 12✓	63÷9 7✓	10÷10 1✓	132÷11 12✓	36÷12 3✓	56÷7 8✓
16÷8 2✓	90÷9 10✓	110÷10 11✓	110÷11 10	108÷12 9✓	64÷8 8✓
56÷8 7✓	36÷9 4✓	40÷10 4✓	55÷11 5	144÷12 12✓	81÷9 9✓
24÷8 3✓	18÷9 2✓	20÷10 2✓	33÷11 3	48÷12 4✓	132÷11 12✓
64÷8 8✓	81÷9 9✓	80÷10 8✓	88÷11 8	120÷12 10✓	28÷7 4✓
40÷8 5✓	108÷9 12✓	120÷10 12✓	77÷11 7✓	84÷12 7✓	108÷12 9✓

x2	x3	x4	x5	x6	x7
7X2 14✓	11X3 33✓	10X4 40✓	9X5 45	5X6 30	6X7 42
6X2 12✓	9X3 18✓	8X4 32✓	1X5 5	9X6 54	10X7 70
4X2 8✓	4X3 12✓	10X4 40✓	12X5 60	3X6 18	4X7 28
10X2 20✓	6X3 18✓	3X4 12✓	4X5 20	8X6 48	7X7 49
1X2 2✓	2X3 6✓	12X4 48✓	11X5 55	2X6 12	1X7 7
9X2 18✓	7X3 21✓	7X4 28✓	6X5 30	10X6 60	8X7 56
4÷2 2✓	30÷3 10✓	8÷4 2✓	60÷5 12	6÷6 1	56÷7 8
20÷2 10✓	18÷3 6✓	20÷4 5✓	25÷5 5	24÷6 4	77÷7 11
8÷2 4✓	3÷3 1✓	16÷4 4✓	40÷5 8	18÷6 3	35÷7 5
24÷2 12✓	9÷3 3✓	36÷4 9✓	10÷5 2	36÷6 6	21÷7 3
2÷2 1✓	15÷3 5✓	24÷4 6✓	15÷5 3	42÷6 7	63÷7 9
12÷2 6✓	36÷3 12✓	48÷4 12✓	50÷5 10	54÷6 9	42÷7 6



✓ Adolygu plis
Er mlyn gwella gwybodaeth ffeithiau
gwrthdaro.

$$3328 \div 13 = 256 \quad \text{①}$$

$$17 \times 109 = 1853$$

$$784 \div 49 = 16 \quad \checkmark$$

$$15 \times 21 = 315$$

$$1071 \div 51 = 21 \quad \checkmark$$

$$13 \times 33 = 429$$

$$1653 \div 19 = 87 \quad \checkmark$$

$$55 \times 19 = 1045$$

$$1368 \div 76 = 18 \quad \checkmark$$

$$27 \times 38 = 1026$$

$$1472 \div 16 = 92 \quad \text{②}$$

$$44 \times 31 = 1364$$

$$2112 \div 88 = 24 \quad \checkmark$$

$$49 \times 88 = 4312$$

$$1904 \div 68 = 28 \quad \checkmark$$

$$78 \times 63 = 4914$$

$$540 \div 36 = 15 \quad \checkmark$$

$$37 \times 81 = 2997$$

$$1140 \div 57 = 20 \quad \checkmark$$

$$93 \times 53 = 4929$$

$$2726 \div 94 = 29 \quad \checkmark$$

$$\text{③} \quad 60 \times 99 = 5940$$



Deal

$$* 1 \quad 3328 \div 256 = 13$$

$$* 2 \quad 92 \times 16 = 1472$$

$$* 3 \quad 5940 \div 60 = 99$$