Central South Consortium
Consortiwm Canolbarth y De
Joint Education Service
Gwasanaeth Addysg ar y Cyd

EAS
Education Achievement Service
for South East Wales
Gwasanaeth Cyflawni Addysg
i Dde Ddwyrain Cymru

ERW
Ein Rhanbarth ar Waith
Education through Regional Working
www.erw.org.uk

GwE
Tuag at Ragoriaeth
Towards Excellence

Asesiad Athro

Cyfnodau Allweddol 2 a 3

Mathemateg : proffil dysgwr

Lefel 4

Rhagarweiniad

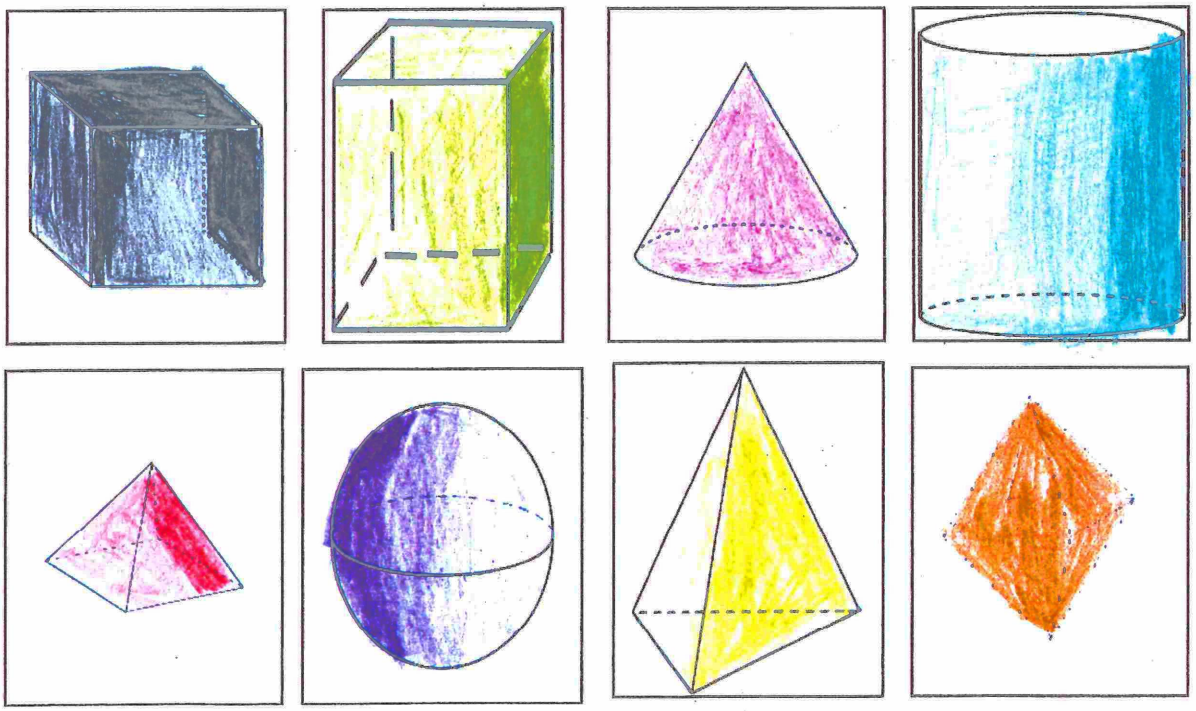
Bwriad y proffil hwn yw cynorthwyo athrawon o ran y mathau o dystiolaeth y gallan nhw eu cymryd i gyfarfod clwstwr er mwyn cefnogi'r canfyddiadau cyd-fynd orau a wnaethpwyd. Mae'r proffil hefyd yn dangos bod y dystiolaeth i'w chanfod yn bennaf yn llyfr y disgybl, ac felly eisoes ar gael i'r athrawon.

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.

3.7.14

B.y.d.S.I – ddod o hyd i briodweddau siapiau 3D

Enw'r siâp	Fertigau	Ymylon	Gwynebau
Cube	8 ✓	12 ✓	6 ✓
Pyramid Sylfaen Sgwar	5 ✓	8 ✓	5 ✓
Ciwboid	8 ✓	12 .	6 ✓
Sffêr	0 ✓	0 ✓	1 ✓
Silinder	0 ✓	2 ✓	3 ✓
tetrahydron	5 .	6 ✓	4 ✓
octahydron	6 ✓	12 ✓	8 ✓
côn	1 ✓	1 ✓	2 ✓



L4 ✓✓ Da iawn Brecka, rwyt ti'n gallu hyd i briodweddau siapiau 3D.

Gwybodaeth gadarn o siapiau 3D

1) Ciwb = Minecraft, ciwb iâ, ciwb riwbix, diS, loSin
Cola ciwb.l iê.

2) Silindr pe = can o pep Si, caS pencil, golau, pen bwdd
ulyn, botel.

3) [illegible] = rwbar, llyfer,

9.9.14

B.y.d.S.L : - barhau gydai dilyniannau rifau.

✓✓(h.g)

97 + 1, 98, 99, 100, 101 ✓✓

345 + 1, 346, 347, 348, 349 ✓✓

233 + 10, 243, 253, 263, 273 ✓✓

389 + 10, 399, 409, 419, 429 ✓✓

197 + 10, 207, 217, 227, 237 ✓✓

599 + 10, 609, 619, 629, 639 ✓✓

98 + 100, 198, 298, 398, 498 ✓✓

Gall adnabod patrymau a phertnasoedd rhif

BYDSI: - ddilyn dilyniant. rhif

10.9.14

(h.g)

100 - 1, 99, 98, 97, 96 ✓✓

200 - 1, 199, 198, 197, 196 ✓✓

203 - 10, 193, 183, 173, 163 ✓✓

309 - 10, 299, 289, 279, 269 ✓✓

107 - 10, 97, 87, 77, 67 ✓✓

507 - 10, 497, 487, 477, 467 ✓✓

298 - 100, 198, 98, ✓✓

1356 - 100, 1256, 1156, 1056, 956 ✓✓

1099 - 100, 999, 899, 799, 699 ✓ * Echycha or yr un olaf?

5020 - 100, 4920, 4820, 4720, 4620 599

✓✓ ✓✓

* Echycha ato or yr un olaf.

Cofia - 100.

Gall adnabod patrymau a pherthnasoedd rhif

B.y.D.S.I :- Lluosi gyda 10.

11.9.14

✓✓ h.g

7 x 10 = 70	7 x 100 = 700
12 x 10 = 120	12 x 100 = 1200
45 x 10 = 450	45 x 100 = 4500
56 x 10 = 560	56 x 100 = 5600
64 x 10 = 640	64 x 100 = 6400
57 x 10 = 570	57 x 100 = 5700
95 x 10 = 950	95 x 100 = 9500
32 x 10 = 320	32 x 100 = 3200
457 x 10 = 4570	457 x 100 = 45700
407 x 10 = 4070	407 x 100 = 40700
49 x 10 = 490	49 x 100 = 4900
124 x 10 = 1240	124 x 100 = 12400
567 x 10 = 5670	567 x 100 = 56700
789 x 10 = 7890	789 x 100 = 78900
74.5 x 10 = 745.0	74.5 x 100 = 7450.00
123.5 x 10 = 1235.0	12.35 x 100 = 1235.00

Byddant yn defnyddio eu dealltwriaeth o werth lleoliad a rhannu rhifau cyfan a degolion â 10 a 100

12.9.14

B.Y.D.S.I: - rhannu gyda 10 a 100 (h.g)

70 ÷ 10 = 7

120 ÷ 10 = 12

450 ÷ 10 = 45

5670 ÷ 10 = 567

6440 ÷ 10 = 644

5650 ÷ 10 = 565

9500 ÷ 10 = 950

3240 ÷ 10 = 324

45.7 ÷ 10 = 4.57

457.8 ÷ 10 = 45.78

457.5 ÷ 10 = 45.75

909 ÷ 10 = 90.9

345.6 ÷ 10 = 34.56

70.0 ÷ 10 = 7.00

734.6 ÷ 10 = 73.46

87.0 ÷ 10 = 8.70

2500 ÷ 100 = 25

6700 ÷ 100 = 67

5690 ÷ 100 = 56.9

7906 ÷ 100 = 79.06

3567 ÷ 100 = 35.67

356.7 ÷ 100 = 3.567

2500 ÷ 100 = 25

345.6 ÷ 100 = 3.456

Byddant yn defnyddio eu dealltwriaeth o werth lle i luosi a rhannu â 10 a 100

15.9.14

B. yd. S.I :- rifo ymlaen mewn 0.1 0hg

Mäc Mawr

1) 3.4, 3.5, 3.6, 3.7 ✓

2) 6.4, 6.5, 6.6, 6.7 ✓

3) 5.5, 5.6, 5.7, 5.8 ✓

4) 2.8, 2.9, 3.0, 3.1 ✓

5) 6.9, 7.0, 7.1, 7.2 ✓

6) 7.8, 7.9, 8.0, 8.1 ✓

7) 9.9, 10.0, 10.1, 10.2 ✓

8) 14.4, 14.5, 14.6, 14.7 ✓

9) 56.4, 56.5, 56.6, 56.7 ✓

10) 78.5, 78.6, 78.7, 78.8 ✓

11) 78.8, 78.9, 80.0, 80.1 ✓

12) 89.9, 90.0, 90.1, 90.2 ✓

13) 19.8, 19.9, 20.0, 20.1 ✓

14) 79.9, 80.0, 80.1, 80.2 ✓

99.9, 100.0, 100.1, 100.2 ✓

199.8, 199.9, 200.0, 200.1 ✓

Diolch am rifo dros 100 gyda degolion.

3 sgwâr aur.

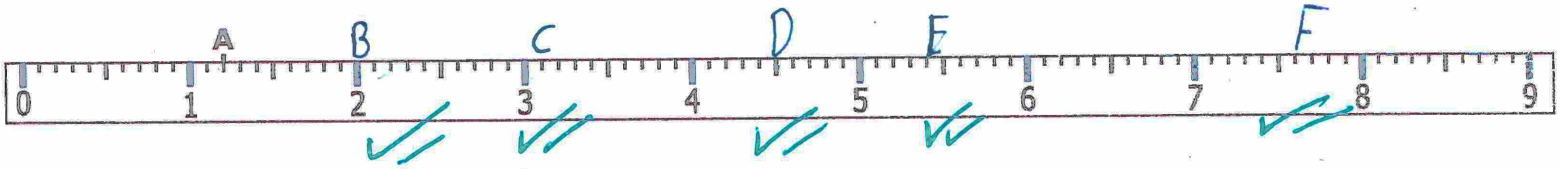
Gall adnabod patrymau a pherthnasoedd rhif

Da iawn am rifo ymlaen mewn degolion.

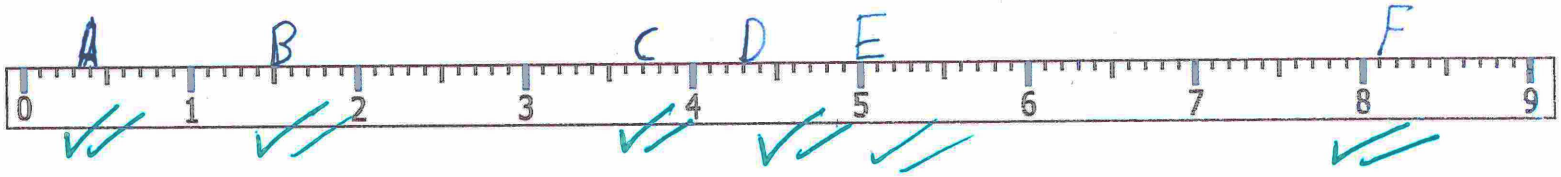
16.9.14 (h.g)

By D.S.I :- both degolion as well rif.

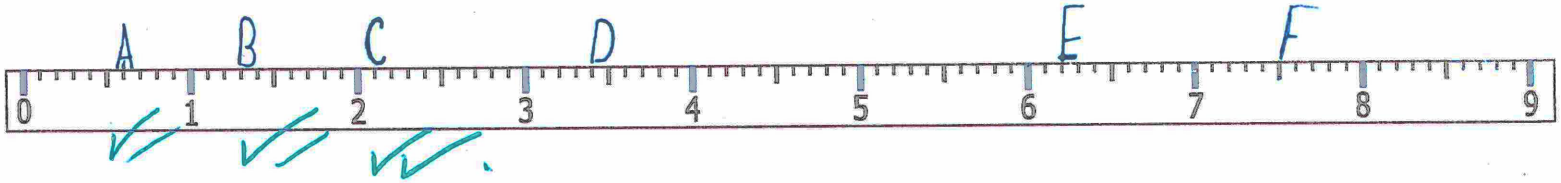
1 A) 1.2 B) 2.0 C) 3.1
D) 4.5 E) 5.4 F) 7.6



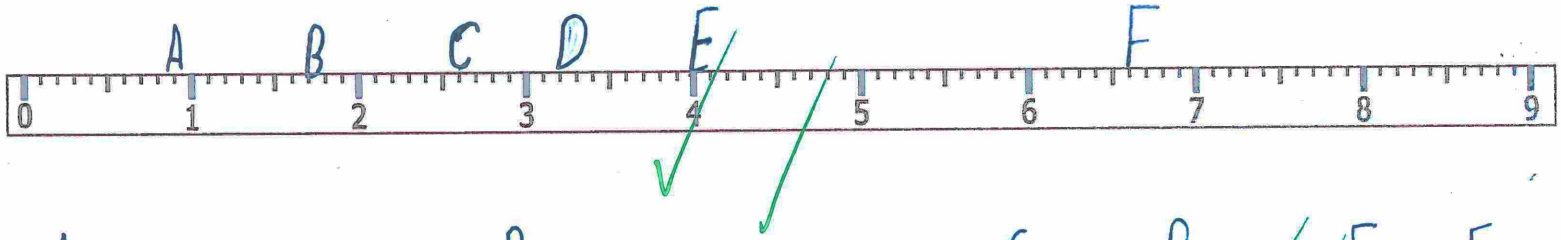
2 A) 0.4 B) 1.5 C) 3.7
D) 4.3 E) 5.0 F) 8.1



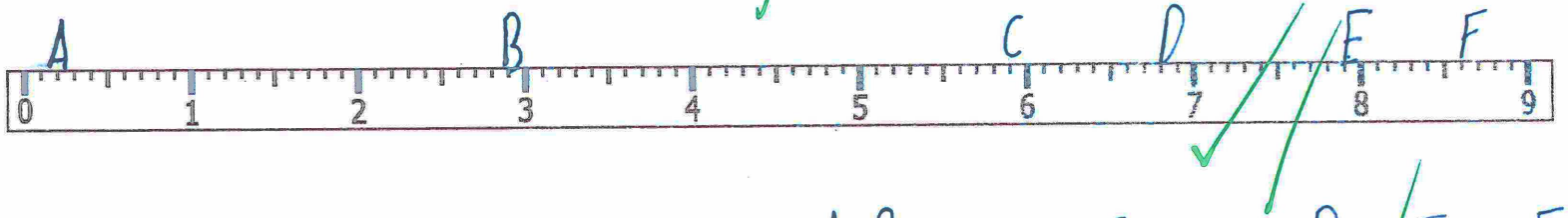
3 A) 0.6 B) 1.3 C) 2.1
D) 3.4 E) 6.2 F) 7.5



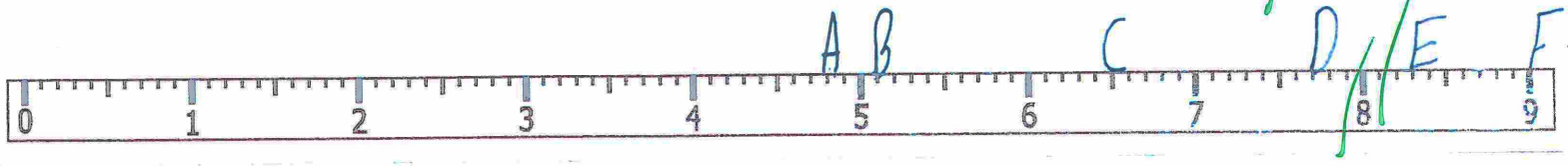
4 A) 0.9 B) 1.7 C) 2.6
D) 3.2 E) 4.0 F) 6.6

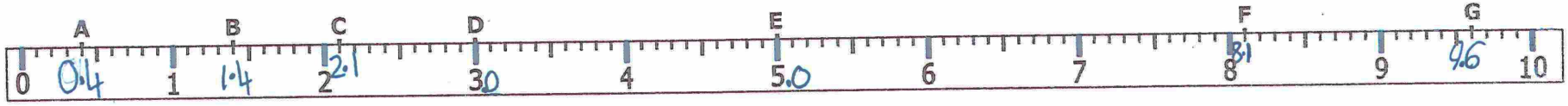


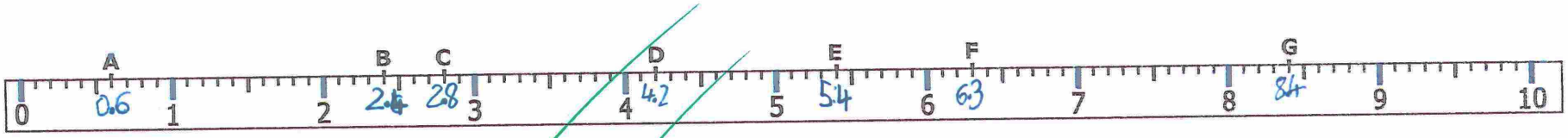
5 A) 0.2 B) 2.9 C) 5.9
D) 6.8 E) 7.9 F) 8.6

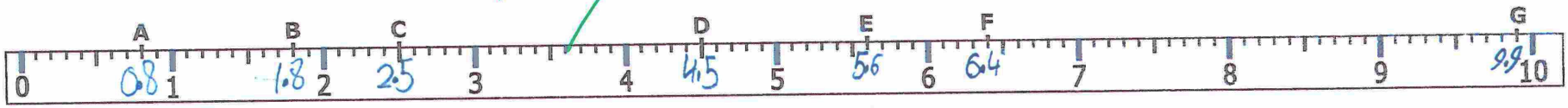


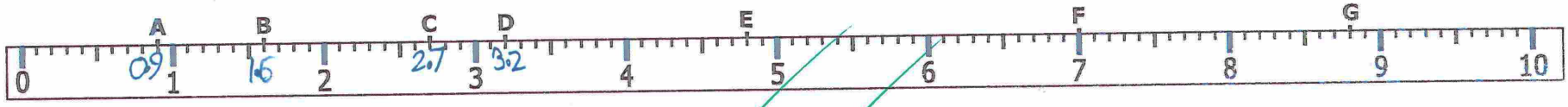
6 A) 4.8 B) 5.1 C) 6.5
D) 7.7 E) 8.3 F) 9.0

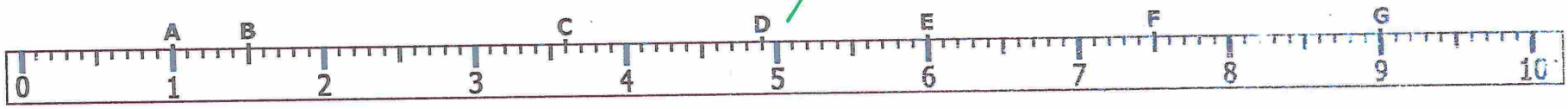


1) 
A B C D E F G
0 0.4 1 1.4 2 2.1 3.0 4 5.0 6 7 8 8.1 9 9.6 10

2) 
A B C D E F G
0 0.6 1 2 2.4 2.8 3 4 4.2 5 5.4 6 6.3 7 8 8.4 9 10

3) 
A B C D E F G
0 0.8 1 1.8 2 2.5 3 4 4.5 5 5.6 6 6.4 7 8 9 9.9 10

4) 
A B C D E F G
0 0.9 1 1.6 2 2.7 3 3.2 4 5 6 7 8 9 10

5) 
A B C D E F G
0 1 2 3 4 5 6 7 8 9 10

6)
A B C D E F G
0 1 2 3 4 5 6 7 8 9 10

18.9.14

B.y.D.S.I : - drefnu degolion.

h.g

1) 4.6, 4.4, 3.5, 2.7, 2.4, 2.0 ✓

2) 6, 6.7, 6.6, 6.5, 6.4, 6.3, 6.1

3) 12.9, 12.8, 12.6, 12.3, 12.2, 12.1 ✓

4) 0.9, 0.7, 0.5, 0.4, 0.2, 0.1 ✓

5) 7.63, 7.6, 7.4, 7.23 ✓

6) 6.93, 6.5, 5.47, 5.3, 7.23

7)

(T) A oes modd gwirio dy waith.

Cofia bod 7.23 yn fwy na 6.9

✓ (wedi trafod)

19914

B.y.D.S.I: - adnabod rhifau mwy na allai na.

✓✓ (h.g)

1) 6.3 > 4.9 ✓✓

2) 6.03 > 5.42 ✓✓

3) 4.99 > 4.9 ✓✓

4) 5.4 < 6.3 ✓✓

5) 0.4 < 0.44 ✓✓

6) 0.1 < 0.2 ✓✓

7) 0.23 > 0.22 ✓✓

8) 0.44 ≥ 0.23 ✓✓

22.9.14

B.y.D.S.I :- ddyblu dyblu i lwosi gyda 4 hg

52 → 100 + 4 → 104 → 200 + 8 → 208 ✓

43 → 800 + 6 → 806 → 160 + 12 → 172 ✓

62 → 120 + 4 → 124 → 200 + 8 → 40 → 248 ✓

71 → 140 + 2 → 142 → 200 + 80 + 4 → 284 ✓

94 → 180 + 8 → 188 → 200 + 160 + 16 → 360

• 360 + 16 = 376

63 → 120 + 6 → 126 → 200 + 40 + 12 → 252 ✓

121 → 200 + 40 + 2 → 242 → 400 + 80 + 4 → 484 ✓

223 → 400 + 40 + 6 → 446 → 800 + 80 + 12 → 892 ✓

769 → 140 + 120 + 18 → 278 → 400 + 140 + 16 → 556

700 × 2 = 1400

// Diolch am ddyfalbarhau. // Mae dy sgilian dyblu yn wych..

(T) Dyblu rifau at 2000

Dwbl 500 = 1000
Dwbl 600 = 1200
Dwbl 700 = 1400
Dwbl 800 = 1600
Dwbl 900 = 1800

B.Y.D.S.I :- ddyblu a uwosi gyda 4. 23.9.14

1) 45 2) 54 3) 122 4) 220

80 + 10 100 8 200 40 4400 40 0

90 108 214 440

1180 + 0 200 16 400 80 8800 80 0

180 216 432 880

(h.g)

(T) - gadael bwlch rhung symiau.

25/9/14

B.Y.D.S.I :- luosi gyda lluosrifau o 10.

hg

20 x 10 = 200

30 x 10 = 300

30 x 100 = 3000

50 x 100 = 5000

300 x 10 = 3000

25 x 100 = 2500

33 x 10 = 330

33 x 100 = 3300

26 x 100 = 2600

15 x 100 = 1500

100 x 10 = 1000

75 x 100 = 7500

250 x 10 = 2500

360 x 100 = 36000

320 x 10 = 3200

250 x 100 = 25000

150 x 100 = 15000

100 x 10 = 1000

750 x 100 = 75000

250 x 10 = 2500

360 x 100 = 36000

320 x 10 = 3200

Byddant yn defnyddio eu deallturiaeth o werth cle luosi a rhannu rhifau cyfan ā 10 a 100

26/9/14

B.Y.D.S.I: - ddeall fod lluosi a rhannu yn wrthdro iw gilydd.

÷?

4 X 6 = 24 ✓

24 ÷ 4 = 6 ✓

6 x 4 = 24

60 x 4 = 240 ✓

600 x 40 = 24000 ✓

400 x 60 = 24000 ✓

50 x 40 = 200 ✓

20 ÷ 4 = 5 ✓

5 x 4 = 20

✓✓ (h.g)

29.9.14

B.Y.D.S.I :- luosi gan ddefnyddio'r dull ffenestri.

12 x 15 = 180

	10	2
10	100	20
5	50	10

100
200
50
10
180

26 x 24 = 624

	20	6
20	400	120
4	80	24

400
120
80
24
624

124 x 5

	100	20	4
5	500	100	20

500
100
20
620

	20	6
30	500	180
5	150	30

500
180
150
30
860

	60	9
20	1200	180
2	120	18

1200
120
180
18
1518

Defnyddio amgylchedd o doulliau pen ac ysgrifenedig gan gynnwys galw i gof ffeithiau luosi hyd at 10 x 10

30.9.14

B.Y.D.S.I :- luosi gan ddefnyddio'r dull ffenestri.

$12 \times 15 = 180$ $16 \times 14 = 224$ (h.g)

	10	2	
10	100	20	100 20 50 10
5	50	10	180

	10	6	1
10	100	60	100 60 40 24
4	40	24	224

$14 \times 15 = 210$ $125 \times 5 = 625$

	10	4	1
10	100	40	100 40 50 20
5	50	20	210

	100	20	5	
5	500	100	25	500 100 25
				625

$123 \times 4 = 492$

	100	20	3	
4	400	80	12	400 80 12
				492

* Beth am ohor un yma?

$326 \times 12 =$

01.10.14

B.Y.D.S.I: – Uwosi degolion gan ddefnyddio'r dull ffenestri.

£12 x 5 = £60

	10	2	
5	50	10	50 + 10 = 60

£14 x 3 = £42

	10	4	
3	30	12	30 + 12 = 42

Ateb?

£12.20 x 5 = £61.40

	10	2	0.20	
5	50	10	1	50 + 10 + 1 = 61

£12.50 x 3 =

	10	2	0.50	
3	30	6	1.50	30 + 6

✓✓ Dicka. Rwyt wedi deckrav

Uwosi gan ddefnyddio degolion. :)

13.10.14

B.Y.D.S.I - Ddeall gwerth unedau ofod ac adio mas.

(M.T)

1) 112g + 24g = 136g ✓

2) 214g + 24g = 238g ✓

3) 225g + 23g = 248g ✓

4) 333g + 33g = 366g ✓

5) 261g + 24g = 285g ✓

6) 288g + 11g = 299g

1) 123g + 324g = 447g

2) 134g + 224g = 358g

3) 156g + 322g = 478g

4) 134g + 422g = 556g

5) 144g + 124g = 268g

6) 155g + 733g = 888g

MM

✓✓

1) 1.2 kg + 360g =

15.10.14

B.Y.D.S.I: - amcangyfrifo pwysau

✓✓(9.9)

164g	
A1	117g
A2	160g
A3	170g
A4	168g
A5	166g
A6	165g
A7	164g

200g	
A1	198g
A2	199g
A3	200g

210g	
A1	205g
A2	207g
A3	212g
A4	210g

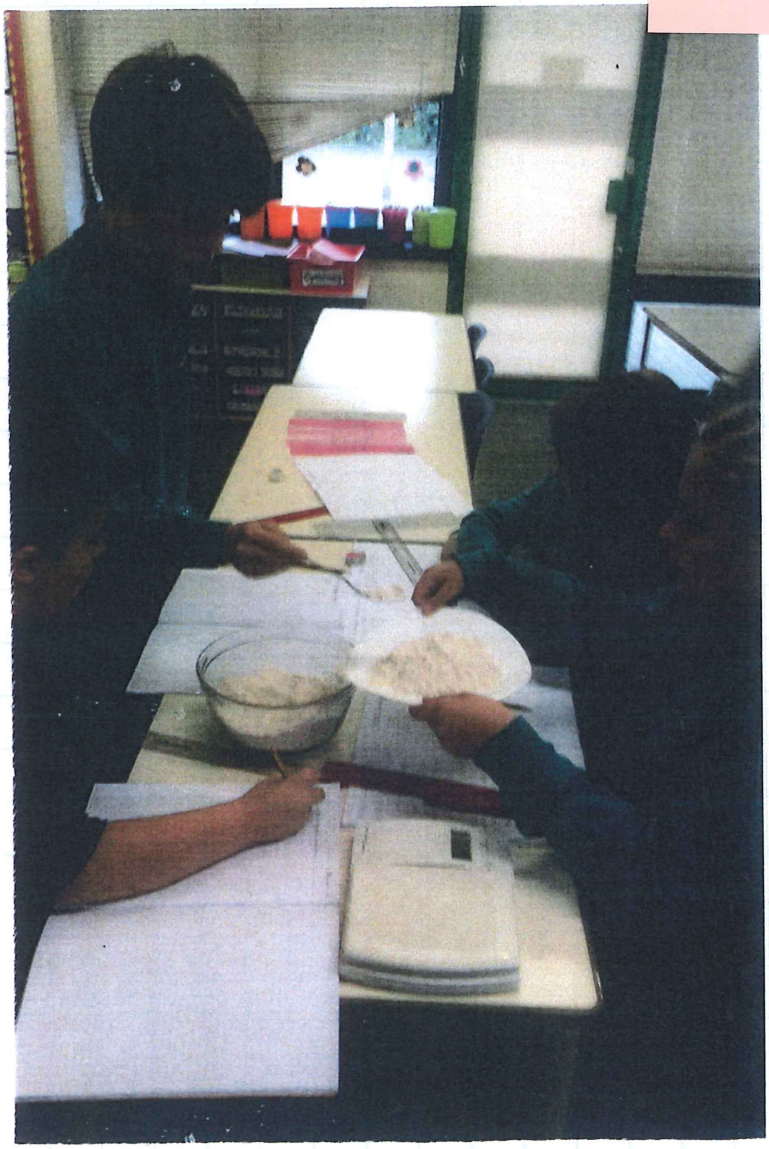
240g	
A1	258g
A2	251g
A3	240g

400g	
A1	371g
A2	398g
A3	400g

500g	
A1	481g
A2	508g
A3	489g
A4	500g

Darllen rhifau ar ystod o offer mesur gyda'r manwl gywirdeb priodol

Medru dewis a defnyddio offer ac uned au addas



Da iawn, llwyddaist ti i ddewis a defnyddio offer ac uned au addas wrth fesur pwysau.

16.10.14

B.Y.D.S.I : – ddefnyddio iaith a Strategaethau mathemategol.

(h.g)

1) 20g + 10g = 30g Ydy en odshif? Ydy

10g + 5g = 15g Ydy en fwyna 15g? Ydy

20g + 5g = 25g Ydy y rhif yn 25g? Ydy

25

2) 40g + 10g = 50g

10g + 5g = 15g

40g + 5g = 45g

16.10.14

B.Y.D.S.I: - amnewid rhwng g a kg.

(k.g)

1.5kg	$3\frac{1}{2}$ kg	6100g	7.5kg	1500g
6.1kg	0.2 kg	3.2 kg	2500g	750g
0.75kg	3200g	250g	3500g	200g
$\frac{1}{4}$ kg	0.75kg	2.5kg	750g	7500g

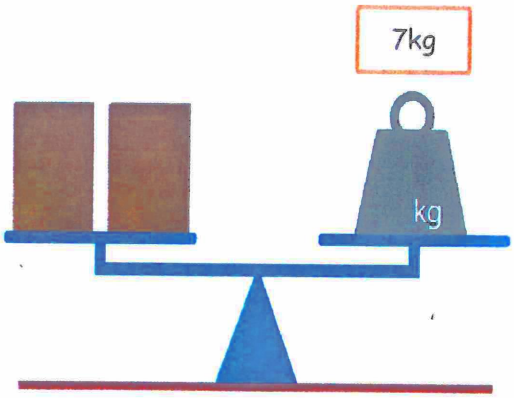
✓✓

Gallu trosi un uned fetrig i un arall

B.Y.D.S.I: – rhesymu am faS. O – gp

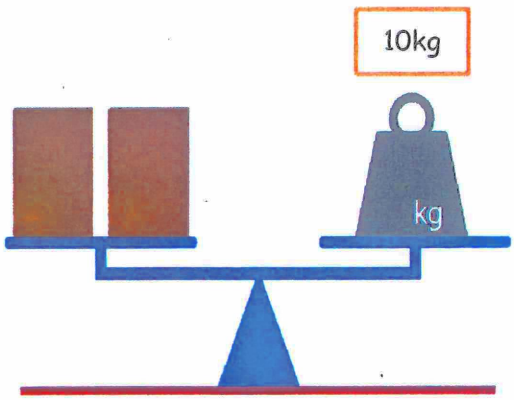
20.10.14

Mae'r ddwy glorian yn gytbwys.



= 3.5 Kg

Mae'r ddwy glorian yn gytbwys.



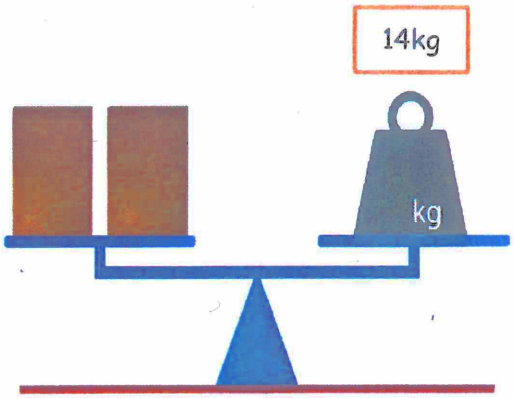
= 5 Kg

20 5 20

? ? ? = 45kg

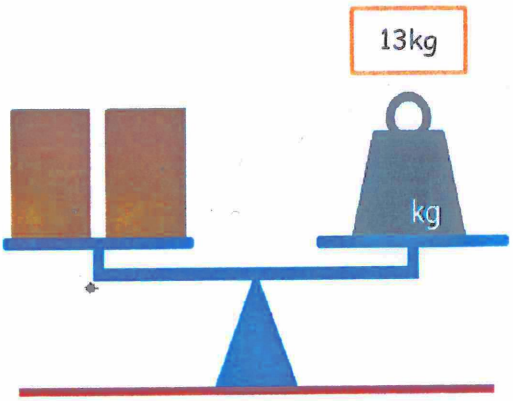
① Beth ydy mas pob bloch?

Mae'r ddwy glorian yn gytbwys.



= 7 Kg

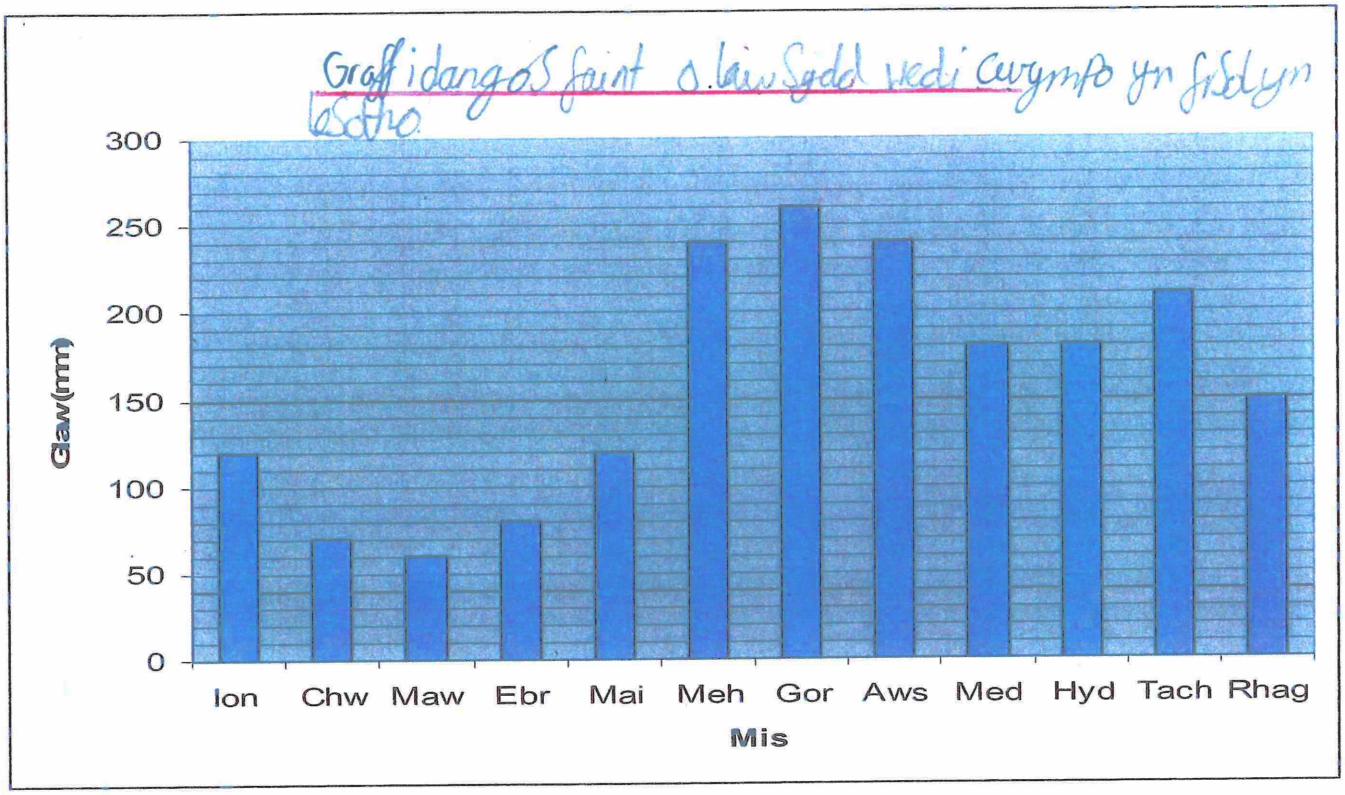
Mae'r ddwy glorian yn gytbwys.



= 6.5 Kg

✓✓ Diolch am hanerur mas yn gywir.

BYDSI - ddarllen a dod i gasgliad am graff bar.



A. Faint o law gwympodd ym mis Mawrth? 60mm

B. Faint o law gwympodd ym mis Tachwedd? 200mm

C. Faint o law gwympodd o'r 1af o Fehefin i'r 31ain o Awst? 740mm

Ch. Sawl mis oedd y glawiad yn llai na 150mm? 5

D. Pa fis oedd y gwlypaf? Gorffennaf

Dd. Pa fis oedd y sychaf? Mawrth

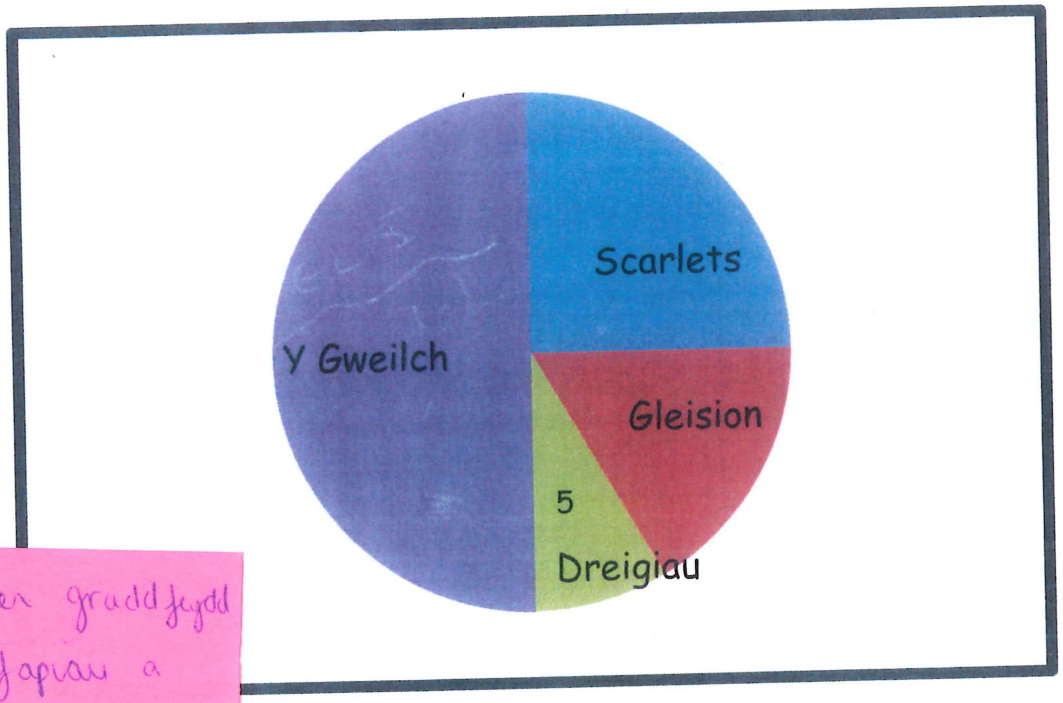
Dehongli diagram amlder

✓✓ hg

1BYDSI- ddeall siartiau cylch

Siart cylch i ddangos sawl gem mae pob tim wedi ennill.

Chwaraewyd 60 gêm i gyd.



Darllen graddfeydd ar fapiau a graffiau gan gynnwys siartiau cylch

1.) Sawl gêm mae'r Gweilch wedi ennill? 30 ✓✓

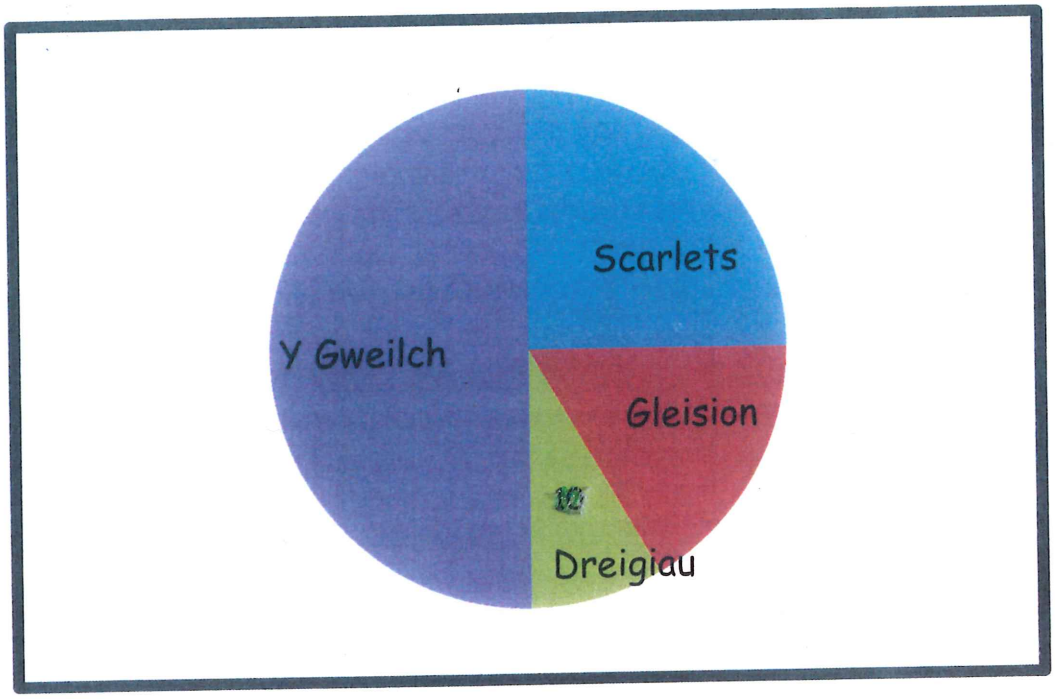
2.) Sawl gêm mae'r Scarlets wedi ennill? 15 ✓✓

3.) Sawl gêm mae'r Gleision wedi ennill? 10 ✓✓

BYDSI- ddeall siartiau cylch

Siart cylch i ddangos sawl gem mae pob tim wedi ennill.

Chwaraewyd 40 gêm i gyd.

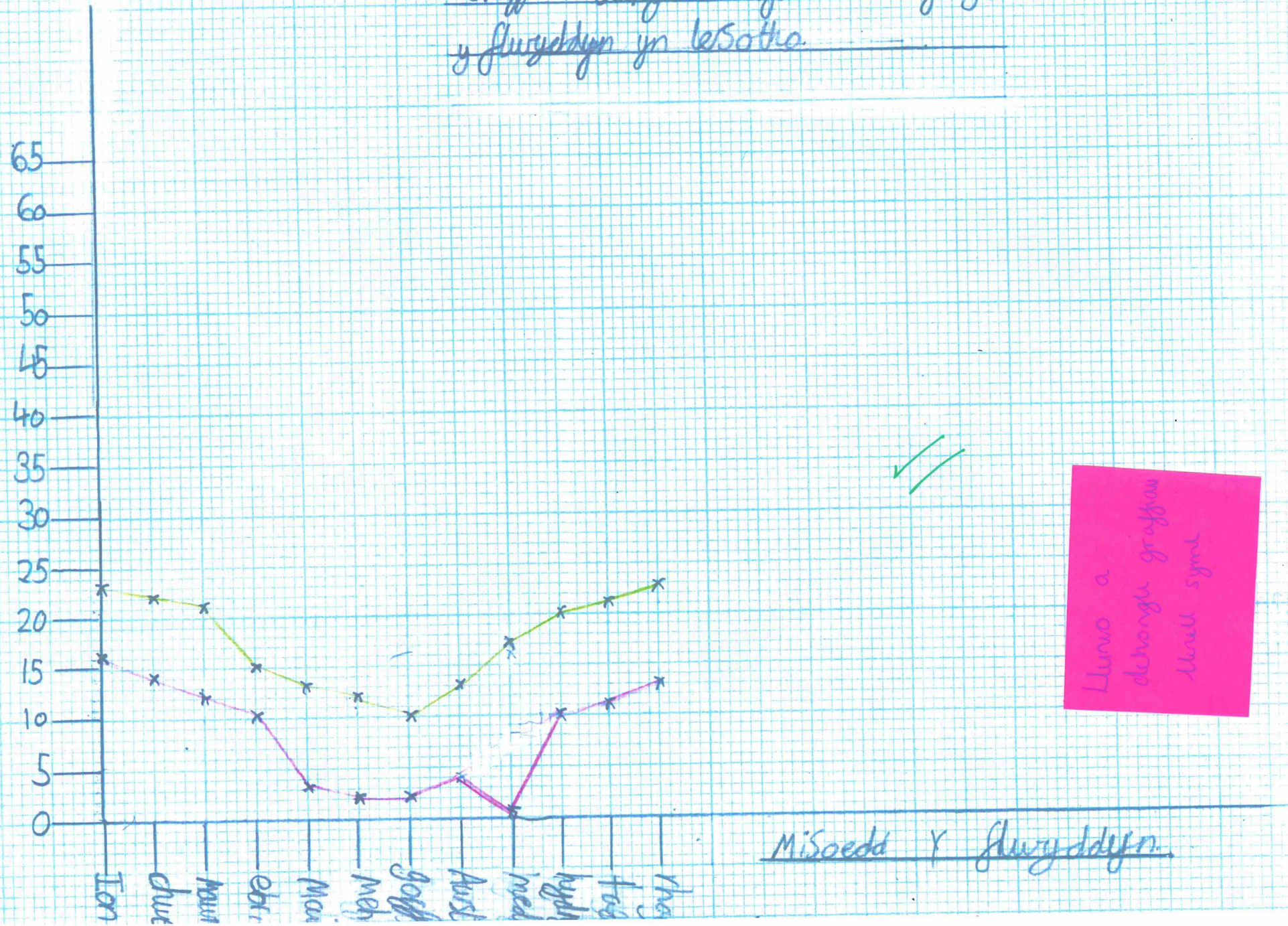


1.) Sawl gêm mae'r Gweilch wedi ennill? 20

2.) Sawl gêm mae'r Scarlets wedi ennill? 10

3.) Sawl gêm mae'r Gleision wedi ennill?

Graff i dangos tymheredd yn ystod y flwyddyn yn lesotho.



Llunio a dehongli graffian llinell syml

03.11.14

B.Y.D.S.I. – rhysymu am gartyniadau graff. 0 hg

	Lleiafswm	Cyfartalog	Uchafswm
Ionawr	16	23	33
Chwefror	14	22	32
Mawrth	12	21	31
Ebrill	10	15	23
Mai	3	13	23
Mehefin	2	12	15
Gorffennaf	2	10	14
Awst	4	13	17
Medi	0	17	22
Hydref	10	20	30
Tachwedd	11	21	31
Rhagfyr	13	23	33

Llunio a dehongli graffiau llinell syml

Ym mha fis oedd y tymheredd y poethaf? Ionawr, Rhagfyr ✓
Pa fis oedd y tymheredd yr oeraf? Medi ✓
Beth oedd tymheredd cyfartalog mis Mai? 13 ✓
Beth oedd tymheredd oeraf ym mis Gorffennaf? 2 ✓
Beth oedd y gwahaniaeth rhwng y lleiafswm a'r uchafswm ym mis Ebrill? 13 ✓
Beth oedd y gwahaniaeth rhwng y lleiafswm a'r uchafswm ym mis Rhagfyr? 20 ✓
Ym mha fis oedd y naid mwyaf o'r lleiafswm i'r tymheredd cyfartalog? Medi ✓✓
Yma mha fis oedd y gwahaniaeth lleiaf rhwng y tymheredd oeraf a'r poethaf? Ebrill. ✓✓
Dadansoddwch 3 ffaith ychwanegol am y graff.

✓✓ Diolch am ddarganfod y gwahaniaeth yn effeithiol.

(T) Beth oedd yr amrediad?

33 − 14 = 19 ✓✓

2
~~3~~ 3
1 4
1 9

06.11.14

B.Y.D.S.I : - ddeall Sut mae lluoli a rhannu yn withro iw gilydd

(n.g)

1) $4 \times 4 = 16 \therefore 16 \% 4 = 4$

2) $3 \times 4 = 12 \therefore 12 \% 4 = 3$

3) $3 \times 3 = 9 \therefore 9 \% 3 = 3$

4) $4 \times 6 = 24 \therefore 24 \% 6 = 4$

1) $3 \times 4 = 12 \therefore 12 \% 4 = 3$

2) $4 \times 4 = 16 \therefore 16 \% 4 = 4$

3) $4 \times 5 = 20 \therefore 20 \% 5 = 4$

4) $3 \times 5 = 15 \therefore 15 \% 5 = 3$

7.11.14

(h.g)

B.Y.D.S.I : – rannu gyda lluo rhifau o 10.

1) 200 % 10 = 20

2) 180 % 10 = 18

3) 230 % 10 = 23

4) 339 % 10 = 33.9

5) 23.2 % 10 = 2.32

T

* Symbol ÷

÷

1) 30 % 10 = 3

2) 50 % 10 = 5

3) 340 % 10 = 34

4) 230 % 10 = 23

5) 330 % 10 = 33

6) 5 % 10 = 0.5

7) 4 % 10 = 0.4

Byddant yn defnyddio eu decilltwriaeth o werth lle i luosi a rhannu rhifau cyfan â 10 a 100

1) 200 % 100 = 2

2) 700 % 100 = 7

3) 1700 % 100 = 17

4) 1400 % 100 = 14

5) 4500 % 100 = 45

6) 12000 % 100 = 120

7) 60 % 100 = 0.6

8) 20 % 100 = 0.2

Mac Mawr.

120 ÷ 20 = 6

160 ÷ 20 = 8

180 ÷ 20 = 9

3600 ÷ 20 =

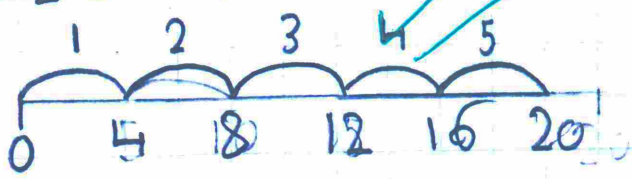
4800 ÷ 20 =

10.11.14

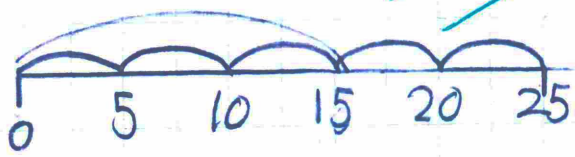
B.Y.D.S.I :- rannu or linell rhif.

(4.9)

1) 20 ÷ 4 = 5

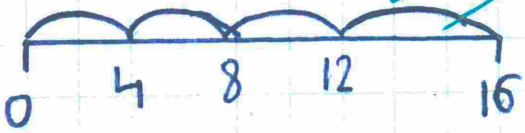


2) 25 ÷ 5 = 5

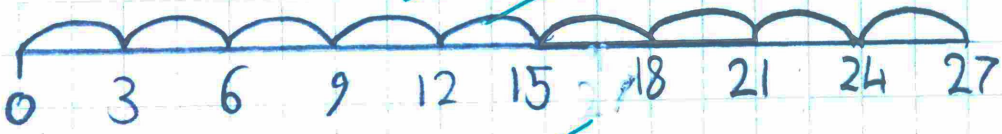


Rhannu -
2 digid ÷ 1 digid

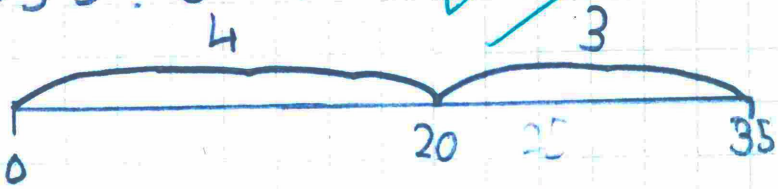
3) 16 ÷ 4 = 4



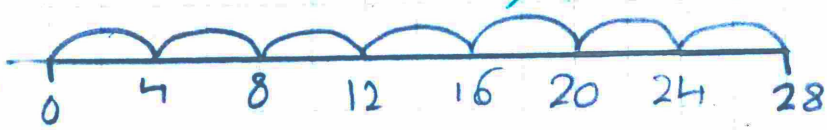
4) 27 ÷ 3 = 9



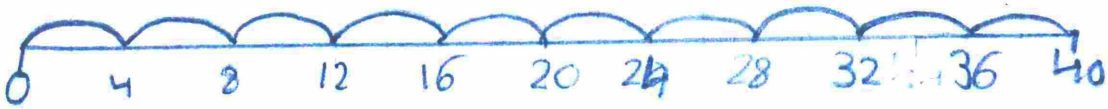
5) 35 ÷ 5 = 7



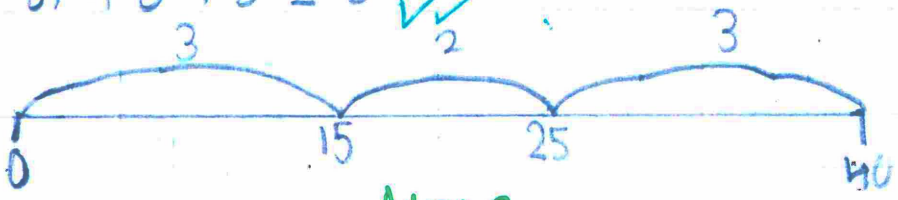
6) 28 ÷ 4 = 7



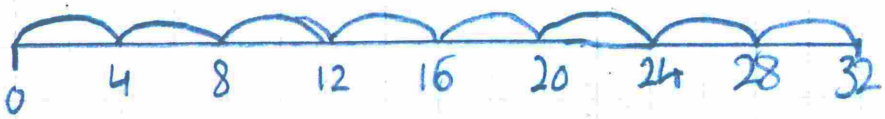
7) 44 ÷ 4 = 11



8) $40 \div 5 = 8$ ✓✓



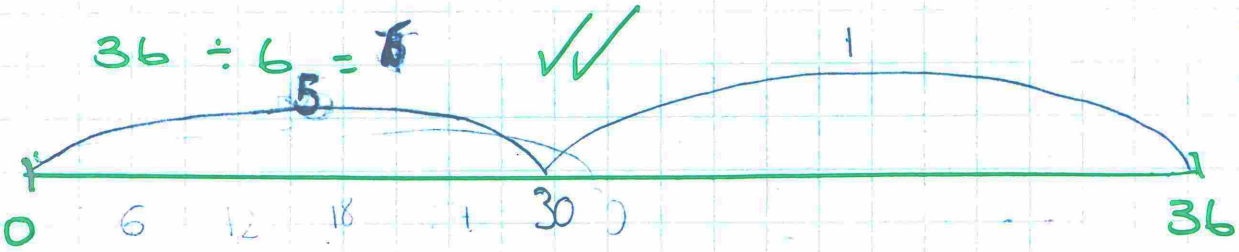
9) $32 \div 4 = 8$ Aleb?



✓✓ Diolch am defnu dy waith yn dadus gan ddefyddiör Uinell rif yn effeitial.

* Beth am ariör un yma?

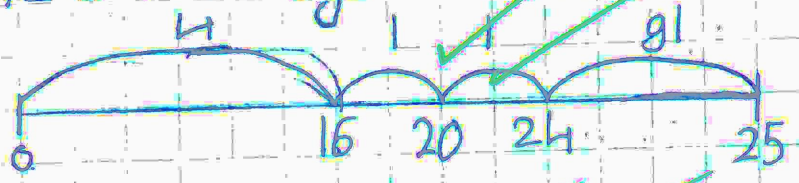
$36 \div 6 = 6$ ✓✓



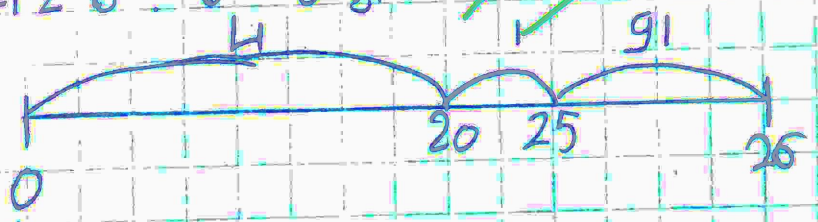
B.Y.D.S.I: – i rannu gan ddefnyddio llinell rif

(3.9)

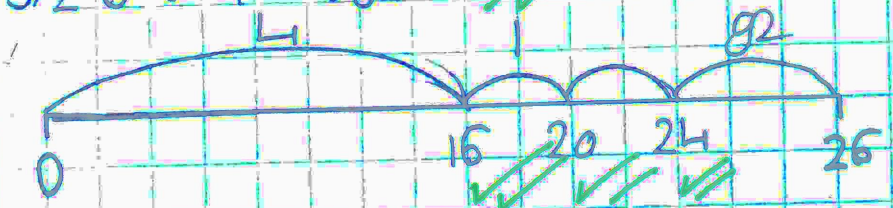
1) 25 ÷ 4 = 6 gl



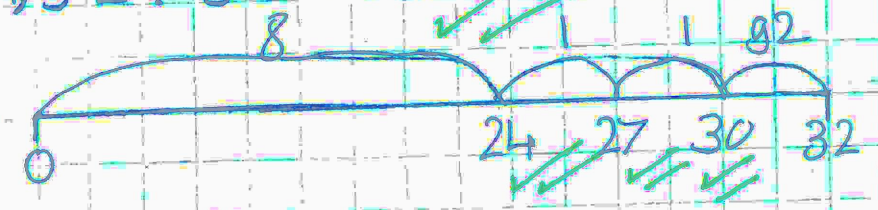
2) 26 ÷ 5 = 5 gl



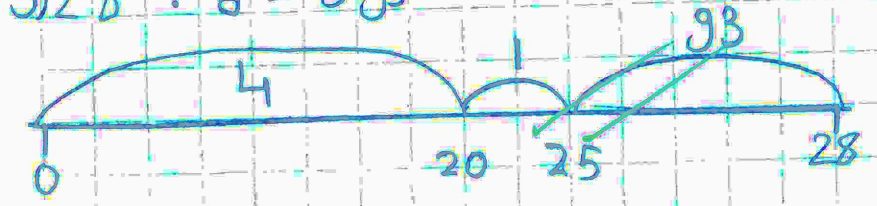
3) 26 ÷ 4 = 5 g2



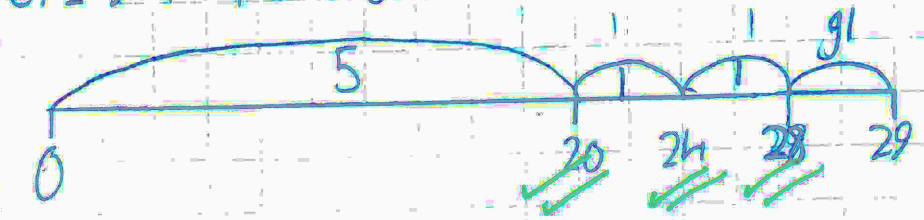
4) 32 ÷ 3 = 10 g2



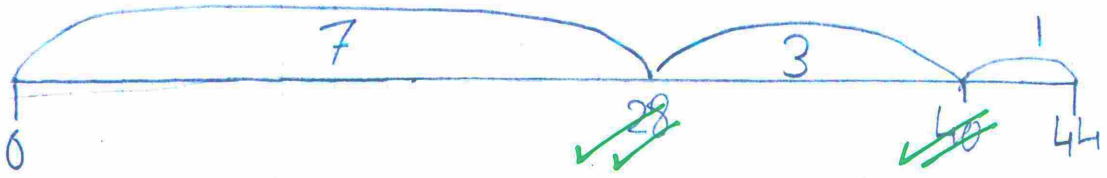
5) 28 ÷ 5 = 5 g3



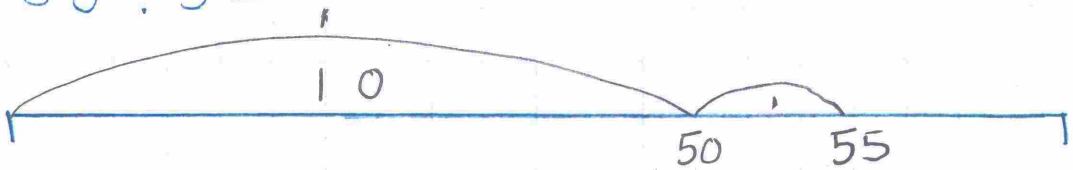
6) 29 ÷ 4 = 7 gl



7) 44 ÷ 4 = 11 ✓✓



8) 55 ÷ 5 = Ateb? 11 ✓✓



✓✓ Gorffenaf un alaf. Dialch am atefnu dy waith rhanum afalus.

21.11.14

BYDSI: – ymchwilio a gweithio'n systematig with adio

1 2 3 4 5 6 7 {100}

1	5
4	2

15 + 42 + 14 + 52 =

110 + 13 = 123

1	2
3	4

12 + 34 + 13 + 24 =

70 + 13 = 83

2	3
4	1

23 + 41 + 31 + 24 =

110 + 9 = 119

1	5
2	3

15 + 23 + 12 + 53 =

90 + 13 = 103

7	1
4	2

71 + 42 + 74 + 12 =

190 + 9 = 199

1	4
2	7

14 + 27 + 12 + 47 =

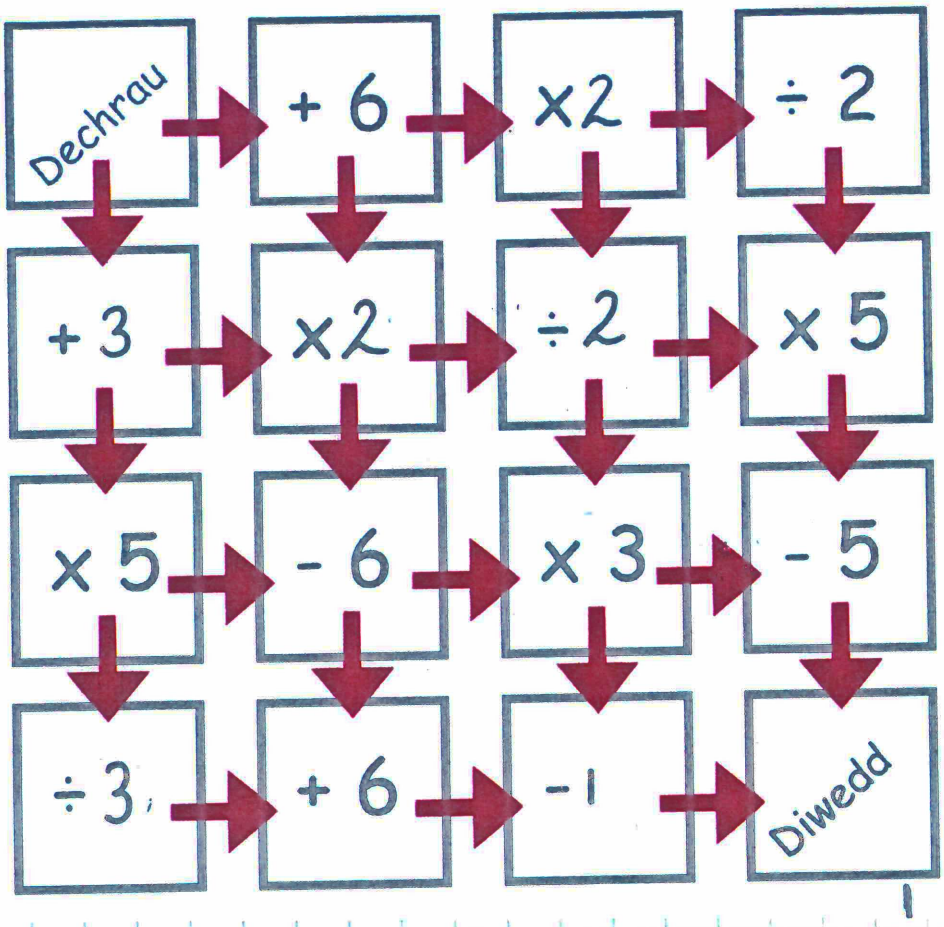
80 + 20 = 100

Bydd y dysgwr yn datblygu strategaethau ar gyfer dadansoddi problemau ac yn cyflwyno gwybodaeth mewn modd systematig.

12.11.14

B.Y.D.S.I: – ddatrys problem Mathemateg gan defnyddio Mathemateg Den

✓✓(C.a)



1) 0 + 3 × 2 ÷ 2 × 3 − 1 = 8

3 6 3 9 8 ✓✓

2) 0 + 6 × 2 ÷ 2 × 5 − 5 = 25

6 12 6 30 25 ✓✓

3) 0 + 3 × 2 − 6 × 3 − 1 = −1

3 6 0 0 −1 ✓✓

4) 0 + 6 × 2 − 6 + 6 − 1 = 5

6 12 6 12 5 5

✓✓

Dechrau	+10	−2	÷5
+5	+2	−5	×2
×5	÷2	+1	−1
−10	+8	×3	Diwedd

1) 0 + 5 + 2 ÷ 2 + 2 × 3 = 16.5

5 7 3.5 5.5 16.5

7 ÷ 2 = 3.5

2) 0 + 10 − 2 − 5 + 1 − 1 = 0

10 8 3 4 3

3) 0 + 5 × 5 − 10 + 2 × 2 = 46

5 25 15 23 46

4) 0 + 10 − 2 − 5 + 1 − 1 = 3

10 8 3 4 3

Dyma wellait Brook!!

13.11.14

B·Y·D·S·I :- ddefnyddio cromfachau i ddatrys problemau rhif.

99

Ymdrech						
Math o ffon		$\frac{1}{2}$	1	3	5	7
	2	1	2	6	10	14
	4	2	4	12	20	28
	6	3	6	18	30	42
	8	4	8	24	40	56
	10	5	10	30	50	70

$(2 \times 8) - (3 \times 1) = 13$

$16 - 3$

$(2 \times 5) + (4 \times 2) - (2 \times 2) = 14$

$10 + 8 - 4$

(5×1)

4

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

✓ Dyma sgiliau llwosi da.

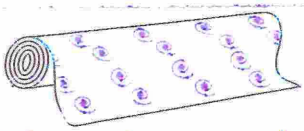
✓ Rwyt ti wedi gweithio ar dy sgiliau adio a thynnu.

(T) Sut wyt tin darganfod 99?

17.11.14

B.Y.D.S.I: – ddefnyddio llinell rif i ddatrys problemau rannu.

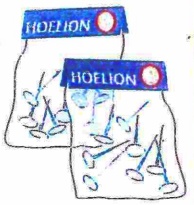
Digon i Drin dy Dŷ



Hyd rholyn o bapur wal yw 4 metr. Mae Jenny am bapuro wal sydd â'i hyd yn 33 metr. Sawl rholyn fydd ei angen ar Jenny?

33÷4=8g1

Mae 4 hoelen mewn bag. Mae angen 43 hoelen ar Sonia. Sawl bag mae'n rhaid iddi ei brynu?



43÷4=10g3

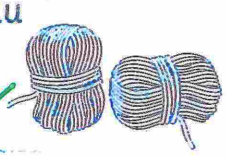
Pris tun paent yw £4.00 Sawl tun mae Dewi yn gallu ei brynu am £43?

43÷4=10g3

Mae 32 bachyn yn cael eu rhoi mewn bagiau, fel bod 3 bachyn ym mhob bag. Sawl bag llawn fydd yna?

32÷3=10g2

Sawl darn o linyn 5 m o hyd mae Ahmed yn gallu ei dorri o belen 42 m?

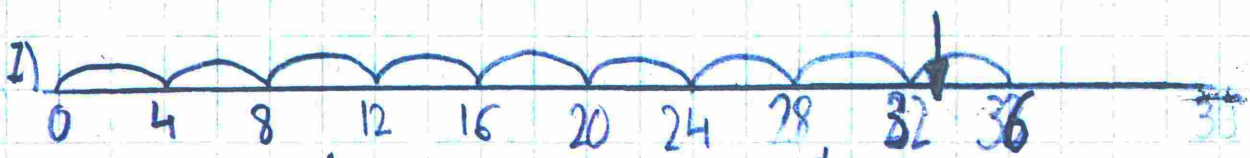


42÷5=8g2

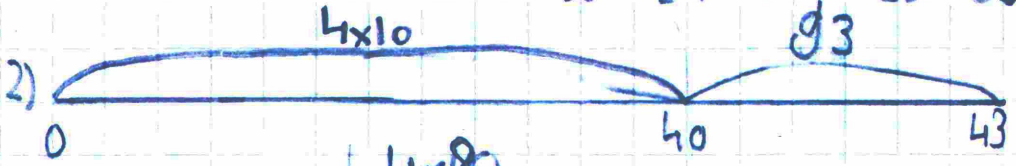
Mae ffiwsiau wedi eu pacio mewn bagiau o 5. Sawl bag mae'n rhaid i Sam ei brynu er mwyn cael 59 ffiws?

59÷5=11g4

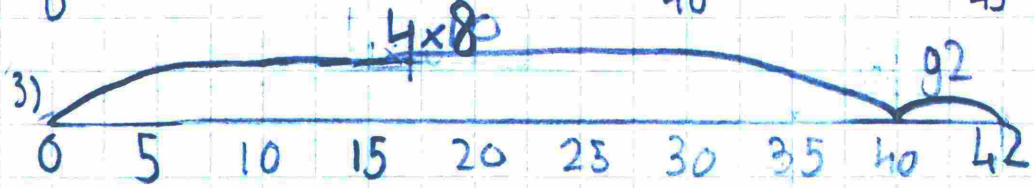
1)



2)

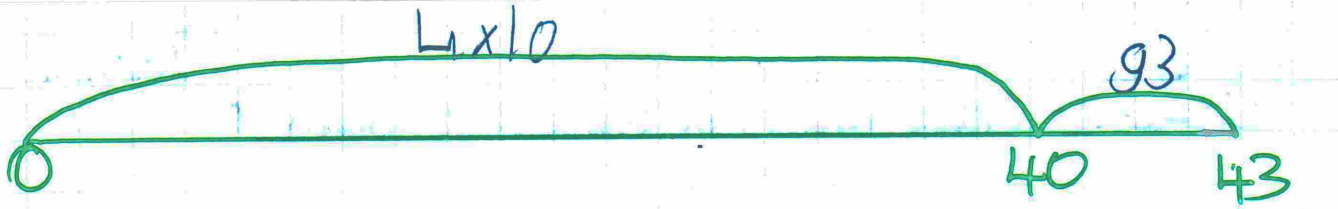


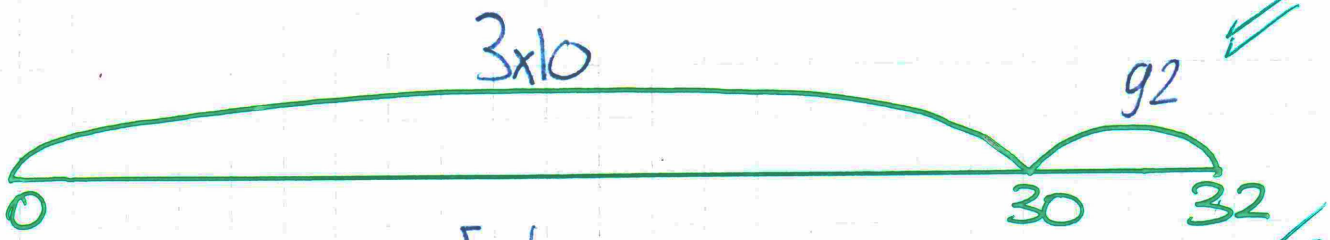
3)

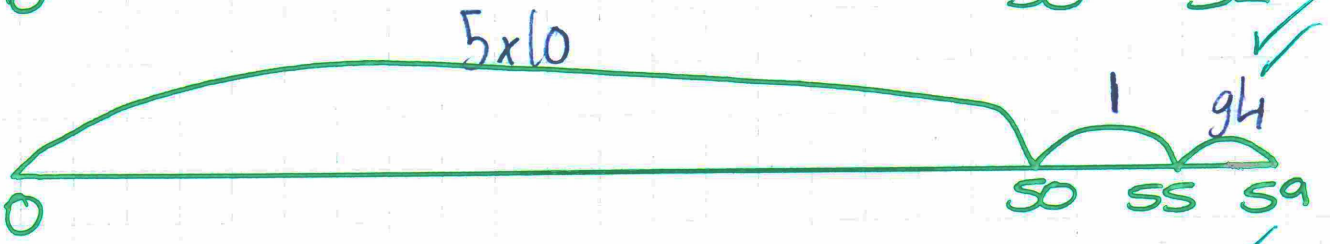


✓ Dyma ddechrau da.

(T) Dal ati i orffen y 3 olaf


4x10
93
0
40
43


3x10
92
0
30
32


5x10
1
94
0
50
55
59

18.11.14

BYDSI: – adio yn y Col ofnau cywir.

1) 345 → 300 + 40 + 5
+ 323 → 300 + 20 + 3
668 ← 600 + 60 + 8

2) 134 → 100 + 30 + 4
+ 222 → 200 + 20 + 2
356 ← 300 + 50 + 6
10

246 → 200 + 40 + 6
3) 654 → 600 + 50 + 4
900 ← 900 + 100 + 0

742 → 700 + 40 + 2
4) 564 → 500 + 60 + 4
1306 ← 1200 + 100 + 6
10

742 → 700 + 40 + 2
5) 268 → 200 + 60 + 8
1110 ← 900 + 100 + 0
1010

Defnyddio amrywaeth o ddulliau pen ac ysgrifenedig gan gynnwys galw i gof ffeithiau lluosi hyd at 10X10

✓✓ Dechrau da. Rwyt wedi adiai gywir ac yn defnus.

* Gorffenai un olaf.

2326 → 2000 + 300 + 20 + 6
+ 1596 → 1000 + 500 + 90 + 6
3922 ← 3000 + 800 + 120 + 2
10

19.11.14

BYDSI: – adio arian

(h.g) ✓✓

1) £4.62 → £4 + 60c + 2c
+ £2.52 → £2 + 50c + 2c
£7.15 ← £7 + 110 + 4c ✓✓

2) £7.23 → £7 + 20c + 3c
£2.52 → £2 + 50c + 2c
£9.75 ← £9 + 70c + 5c ✓✓

3) £1.62 → £1 + 60c + 2c
£4.24 → £4 + 20c + 4c
£5.86 ← £5 + 80c + 6c ✓✓

4) £7.70 → £7 + 70 + 0
£3.30 → £3 + 30 + 0
£1100 £11 + 00 0 ✓

Ateb?

(T)* Cyflawni fwy o symiau yn ystod y wers.

20.11.14

BYDSI: – adio cyfres o rifau at ei gilydd

1) £12.99 = £13.00
£12.98 = £13.00
£26.00

£26.00 – £0.03 = £25.97 ✓

2) 67.99 mm = 68.00 mm
32.99 mm = 33.00 mm
101.00 mm

101.00 – £0.02 = £100.98 ✓

3) £34.99 = £35.00
£56.99 = £57.00
£12.00 = £12.00
£104.00

£104.00 – £0.02 = 103.98 ✓

4) 74.99 cm = 75.00 cm
26.99 cm = 27.00 cm
62.50 cm = 63.50 cm
165.50 cm

Gwiria hwn!

165.50 cm – £0.02 = 165.48 cm
✓✓

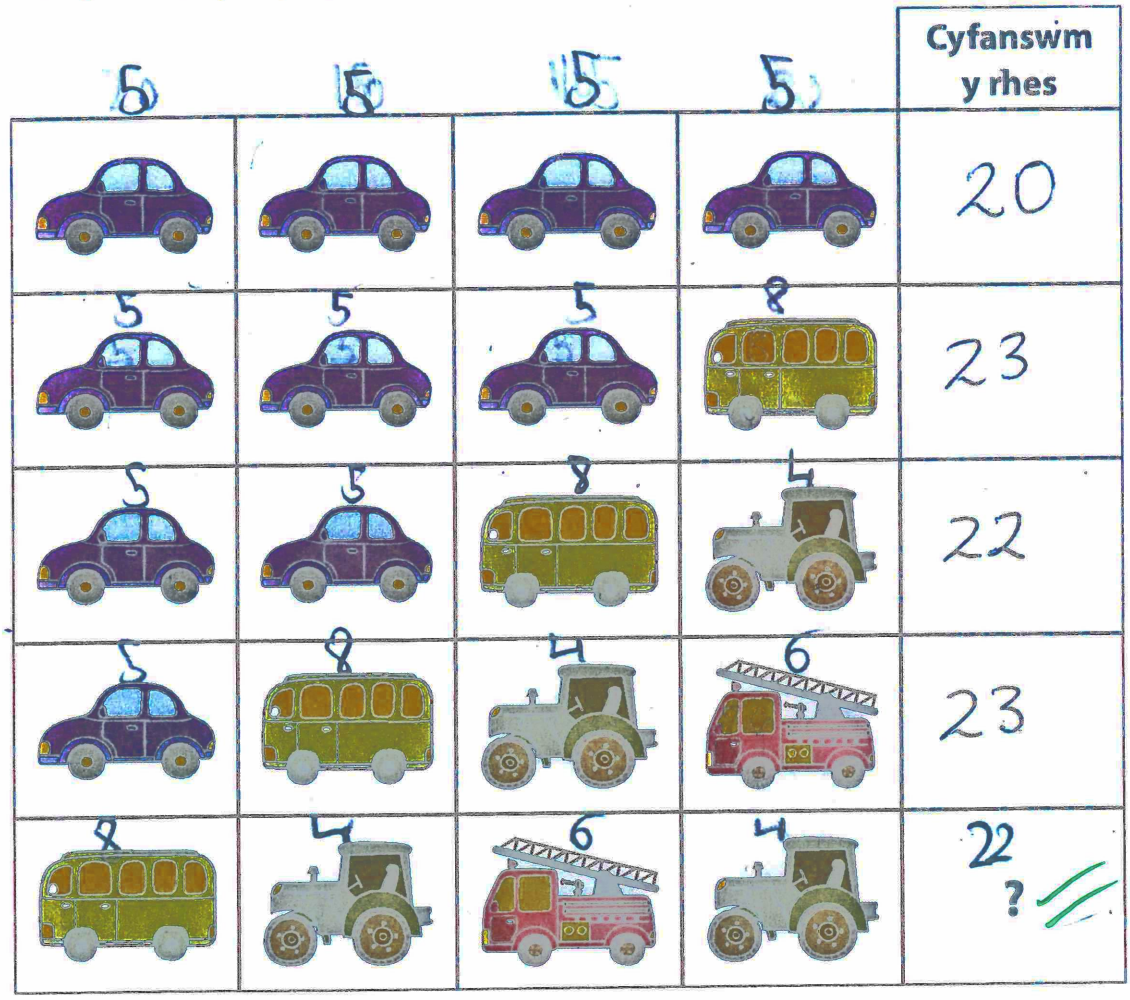
✓✓ Rwyt ti wedi deall y dull.

1

B.Y DSI: - ymchwilio gyda rifau

24.11.14

Mae pob llun yn cynrychioli rhif.



Beth yw cyfanswm y rhes olaf?

1) C + C + C + C = 20 ∴ 4 × C = 20

2) C + C + C + b = 23 ∴ 3 × C + b = 23

3) C + C + b + t = 22 ∴ 2 × C + b + t = 22

4) C + b + T + i = 23

5) b + T + i + T = 22

Defnyddio ffonniwlâu synl

Diolch am rhesymu yn effeithiol.

Da iawn am ddefnyddio sgiliau meddwl.

25.11.14

BYDSI:- dyrnu gan addasu-

(h.g)

1) 145 - 99 = 46
145 - 100 = 45
45 + 1 = 46 ✓

2) 145 - 98 = 47
145 - 100 = 45
45 + 2 = 47 ✓

3) 285 - 99 = 186
285 - 100 = 185
185 + 1 = 186 ✓

4) 234 - 98 = 136
234 - 100 = 134
134 + 2 = 136 ✓

5) 245 - 99 = 146
245 - 100 = 145
145 + 1 = 146 ✓

6) 142 - 98 = 44
142 - 100 = 42
42 + 2 = 44 ✓

7) 179 - 98 = 81
179 - 100 = 79
79 + 2 = 81 ✓

8) 345 - 97 = 248
345 - 100 = 245
245 + 3 = 248 ✓

9) 345 - 99 = 246
345 - 100 = 245
245 + 1 = 246 ✓

10) 345 - 98 =
345 - 100 = 245 ✓

Defnyddio amryw lwybrau o ddulliau pen ac ysgrifenedig gan gynnwys galw i gof ffeithiau lluosi hyd at 10 X 10

26.11.14

BYDSI:- dynnu gan ymestyn.

✓✓(h.g)

1) 167 - 132 = 35

167 → 100 + 60 + 7
132 → 100 + 30 + 2
035 000 + 30 + 5

2) 175 - 143 = 32

175 → 100 + 70 + 5
143 → 100 + 40 + 3
032 000 + 30 + 2

3) 197 - 144 = 53

197 → 100 + 90 + 7
144 → 100 + 40 + 4
053 000 + 50 + 3

4) 282 - 175 = 107

70

282 → 200 + ~~80~~ + 12
175 → 100 + 70 + 5
107 100 + 00 + 7

5)

27.11.14

BYDSI:- Dynnu-dull Cryno:

$$\begin{array}{r} 2\overset{6}{\cancel{7}}{}^{1}2 \\ -\ 156 \\ \hline 116 \end{array} \quad \begin{array}{r} 2\overset{5}{\cancel{6}}{}^{1}3 \\ -\ 135 \\ \hline 128 \end{array} \checkmark \quad \begin{array}{r} 1\overset{3}{\cancel{4}}{}^{1}2 \\ -\ 123 \\ \hline 19 \end{array} \checkmark \quad \begin{array}{r} 2\overset{1}{\cancel{3}}{}^{1}3{}^{1}2 \\ 264 \\ \hline 78 \end{array} \checkmark \quad \begin{array}{r} 2\overset{1}{\cancel{3}}{}^{1}2 \\ \cancel{3}\cancel{3}5 \\ 146 \\ \hline 189 \end{array} \checkmark$$

$$\begin{array}{r} 1267 \\ -\ 1132 \\ \hline 135 \end{array} \checkmark \quad \begin{array}{r} 1175 \\ 1143 \\ \hline 32 \end{array} \checkmark \quad \begin{array}{r} 12\overset{2}{\cancel{3}}7 \\ 1218 \\ \hline 0019 \end{array} \checkmark$$

① Oes modd cywiro dy atebion?

✓✓ Rwyt ti'n dechrau deall y dull tynnu yma.

28.11.14

BYDSI:- dynnu gan defnyddio linell rif. (h.g)

£4.67 - £2.78 = £1.89

2c, 20c, £1, 50c, 10c, 7c

£2.78 £2.80 £3.00 £4.00 £4.50 £4.60 £4.67

£8.86 - £2.74 = £6.32

6c, 20c, 50c, £1, £4, 30c, 6c

£2.74 £2.80 £3.00 £3.50 £4.50 £8.50 £8.80 £8.86

* Gorffenaf un oldaf.

£14.45 - £2.78 = £11.67

2c, 20c, £10, £1, 40c, 5c

£2.78 £2.80 £3.00 £13.00 £14.00 £14.40 £14.45

(T) - Cyflawni fwy yn ystod y wers.

Adio a thynnu degolion i 2 le degol yng nghyd-destun arian

1.1.2.1 4

BYDSI :- dynnu gan ddwyn o'r golofn nesaf.

1) £7.~~5~~13 (4)
£2.27
£5.26 ✓

2) £9.~~8~~11 (7)
£3.65
£6.14

11 - 5 = 6

3) £~~8~~.~~7~~15 (7 16)
£2.99
£5.76 ✓

Da iawn am ddwyn o'r golofn nesaf. ✓✓

4) £~~6~~.~~9~~14 (5 18)
£3.97
£2.97 ✓

5) £~~8~~.36 (7)
£2.85
£7.51

7 - 2 = 5

6) £~~9~~.67 (8)
£4.85
£4.82 ✓

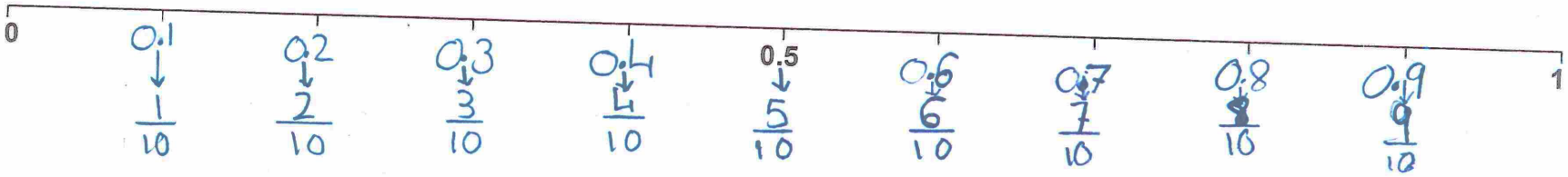
7) £~~8~~.~~14~~18 (7 13)
£2.96
£5.52

Oes angen dwyn fan hyn?
Na. Oes

2.1.4

BYDSI: – ddeall degolion h.g

4.12.14

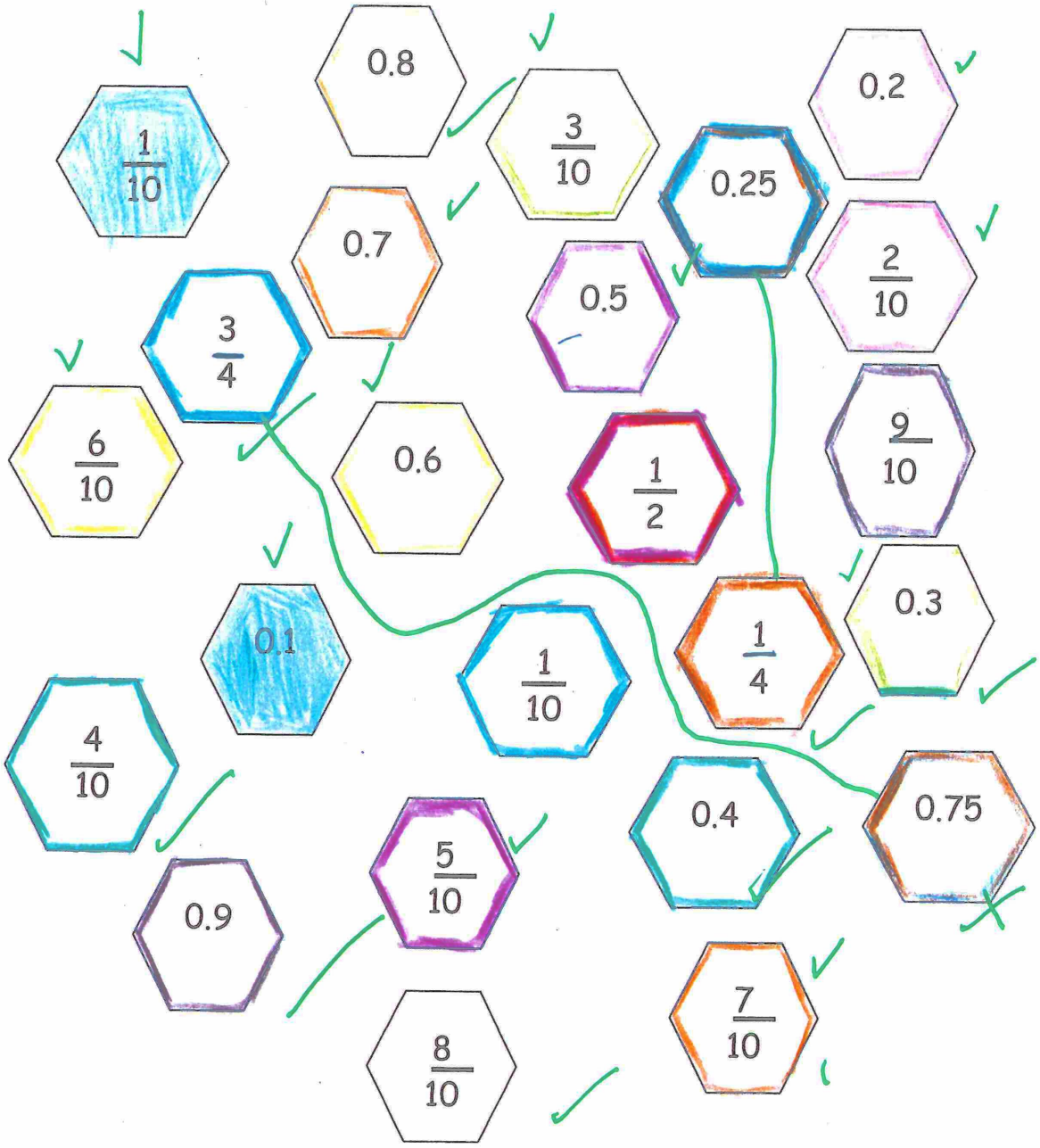


Medru degnyddio ffracsiynau sym a chanrannau i ddisgrifio rhannau bras o un cyfan

08.12.14

BYDSI: adnabod ffracsiynau a degolion cyfwerth.

hg



1/5 ✓ 0.8 ✓ 3/5 ✓ 0.6 ✓

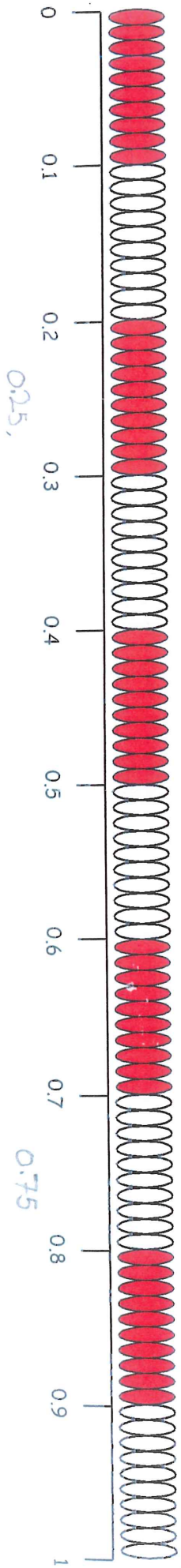
0.2 ✓

Diolch am ddyfalbahau a Canolbwyntio yn y wers.

2/5 ✓ 4/5 ✓

0.4 ✓

✓✓ Da iawn am ddod o hyd i'r ffracsiynau pwned.



(T) Dysgu $\frac{1}{4} = 0.25$ a $\frac{3}{4} = 0.75$

16.12.14

BYDSI: – ddarganfod ffracsiynau cyfwerth. ☺

$\frac{1}{2} = \frac{2}{4}$ (×2) ✓ $\frac{1}{4} = \frac{4}{16}$ (×4) ✓ $\frac{1}{10} = \frac{5}{50}$ (×5) ✓ $\frac{1}{5} = \frac{10}{50}$ (×10) ✓ $\frac{3}{4} = \frac{21}{28}$ (×7) ✓ $\frac{2}{5} = \frac{4}{10}$ (×2) ✓ $\frac{3}{5} = \frac{9}{15}$ (×3)

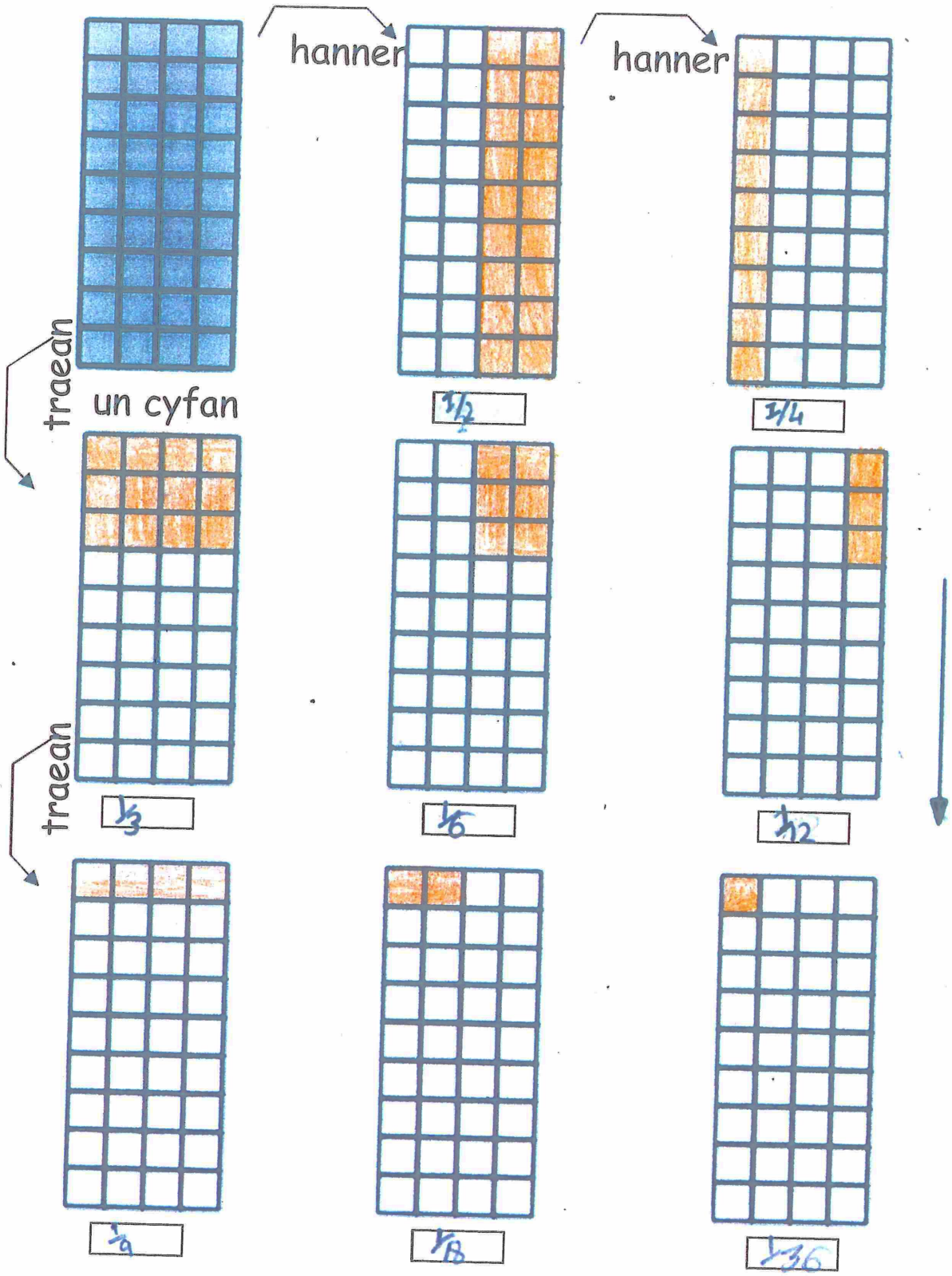
$\frac{2}{7} =$ (×)

✓ Diolch am adolygu a gwirio dy waith.

Ⓣ Dyfalbarhau

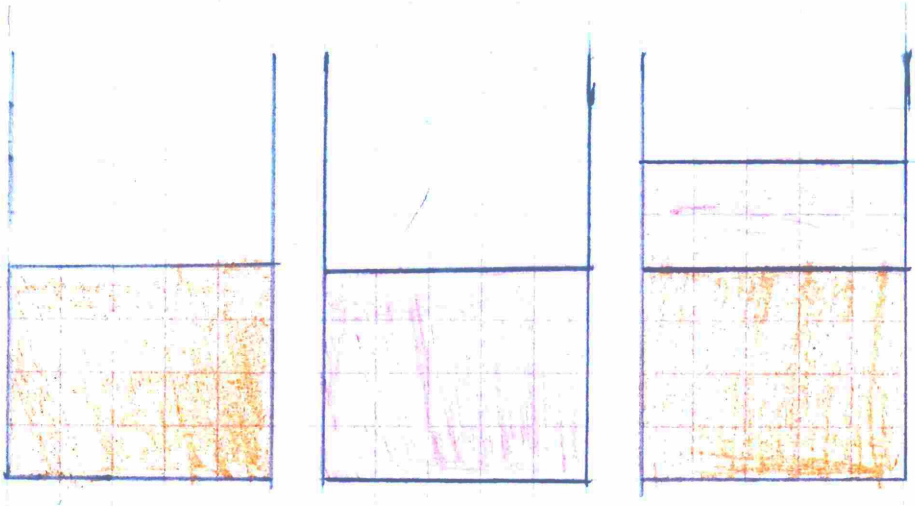
16.12.14

BYDSI: - ymchwilio gyda ffracsiynau CAME hg

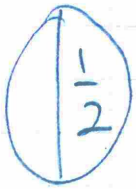


Pan rydyn ni yn gwneud hanner rydyn ni yn dwbli yr enwadur. Pan rydyn ni yn gwneud trean rydyn ni y lluosi gyda ? ✓✓

✓✓ Mae dy nhesynnu yn glir.



Ydyw 2 Cynhwysydd yn mynd i fod yn llawn? Bydd.

✓✓ Diolch am ddyfalbarhau a chanolbwyntio yn yr ymchwiliad.

(T) Beth yw $\frac{1}{2}$ o $\frac{1}{2}$?? $\frac{1}{4}$ ✓✓