

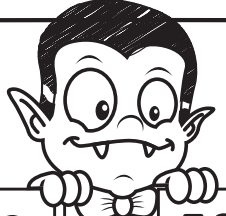
Big Maths Beat That!: Teacher Notes

| CLIC Challenge 18 | | | |
|-------------------|-------------------------------------|----------|---|
| | Step Location in the CLIC framework | | Title of Step |
| | Progress Drive | Step No. | |
| Q1 | INN: Smile Multiplication | 5 | I can do Smile Multiplication for hundredths |
| Q2 | Counting: Core Numbers | 9 | I can understand 5, 6, 7, 8d numbers |
| Q3 | Counting: Count Fourways | -25s | |
| Q4 | Counting: Counting Along | 6 | I can find the gap between 2 negative numbers |
| Q5 | INN: Jigsaw Numbers | 5 | I can find the missing decimal piece |
| Q6 | INN: Pom's Words | 4 | I can understand prime numbers |
| Q7 | Calc: - | 32 | I can solve $3d - 3d$ |
| Q8 | Column Methods: + | 7 | I can solve any $4d + 2d$ or $3d$ |
| Q9 | Column Methods: - | 8 | I can solve any $5d - 5d$ |
| Q10 | Column Methods: \div | 6 | I can solve any $4d \times 1d$ |



1 $4 \times 0.09 =$

2 Talgrynnwch i'r 1000 agosaf
2,567,328

3 
25 0 -25 -50

Enw:

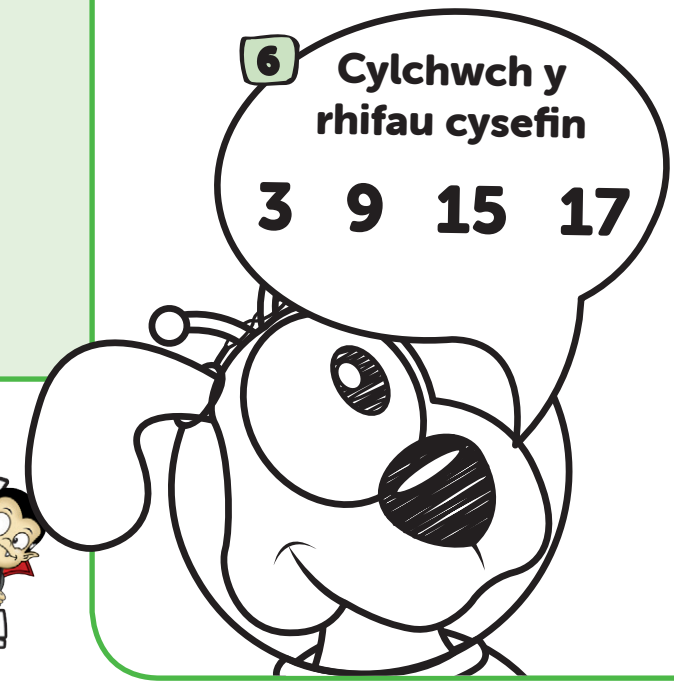
Dosbarth:

Dyddiad:


4 $\begin{array}{r} -3 \\ -7 \end{array}$ Y bwlch yw

5 $4.8 + \square = 10$


6 Cylchwch y rhifau cysefin
3 9 15 17




7 $463 - 189 =$




8 $\begin{array}{r} 5686 \\ + 749 \\ \hline \end{array}$



9 $\begin{array}{r} 95686 \\ - 54749 \\ \hline \end{array}$



10 $6 \overline{)503}$

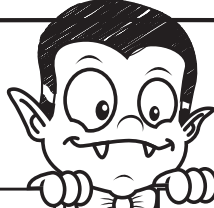






1 $3 \times 0.07 =$

2 Talgrynnwch i'r
100 agosaf
84,657

3 
0 -25 -75 -100

Enw:

Dosbarth:

Dyddiad:

4 $\begin{array}{r} -1 \\ -8 \end{array}$ Y bwlch yw

5 $3.76 + \square = 10$

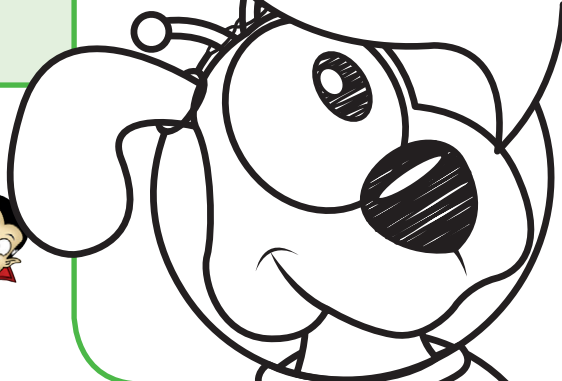
6 Cylchwch y
rhifau cysefin
2 11 21 31

7 $534 - 278 =$

8 $\begin{array}{r} 4837 \\ + \quad 68 \\ \hline \end{array}$

9 $\begin{array}{r} 68324 \\ - 12507 \\ \hline \end{array}$

10 $7 \overline{)95}$



FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURO CLIC?!



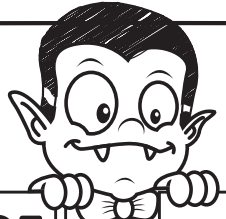
Enw:

Dosbarth:

Dyddiad:

1 $6 \times 0.04 =$

2 Talgrynnwch i'r 10,000 agosaf
436,594

3 
50 25 0 -25

4 $\begin{array}{r} -4 \\ -9 \end{array}$ Y bwlch yw

5 $0.54 + \square = 1$

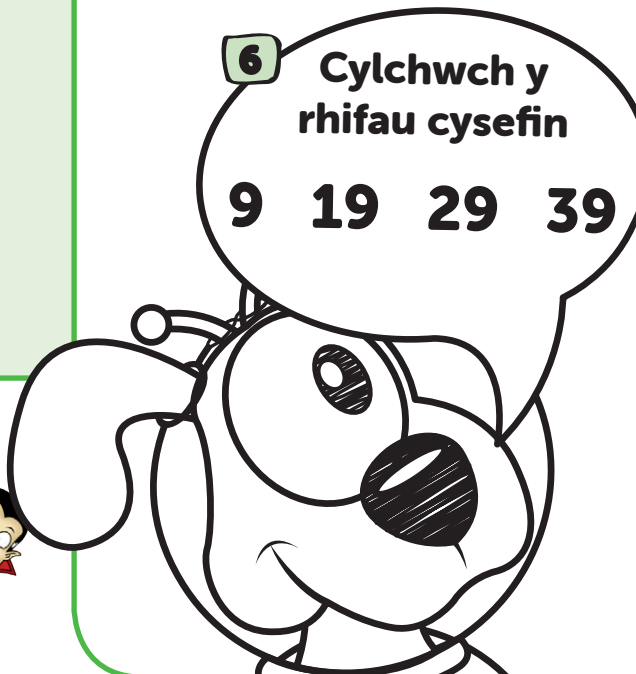
6 Cylchwch y rhifau cysefin
9 19 29 39

7 $326 - 167 =$

8 $\begin{array}{r} 6478 \\ + 296 \\ \hline \end{array}$

9 $\begin{array}{r} 36845 \\ - 13257 \\ \hline \end{array}$

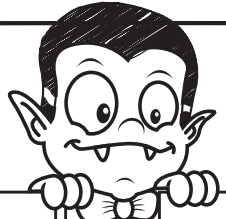
10 $8 \overline{)137}$





1 $7 \times 0.08 =$

2 Talgrynnwch i'r 1,000,000 agosaf
48,476,493

3 
-50 -75 -125 -150

Enw:

Dosbarth:

Dyddiad:

4 -2 Y bwlch yw
 -6

5 $10 - \text{[]} = 6.3$

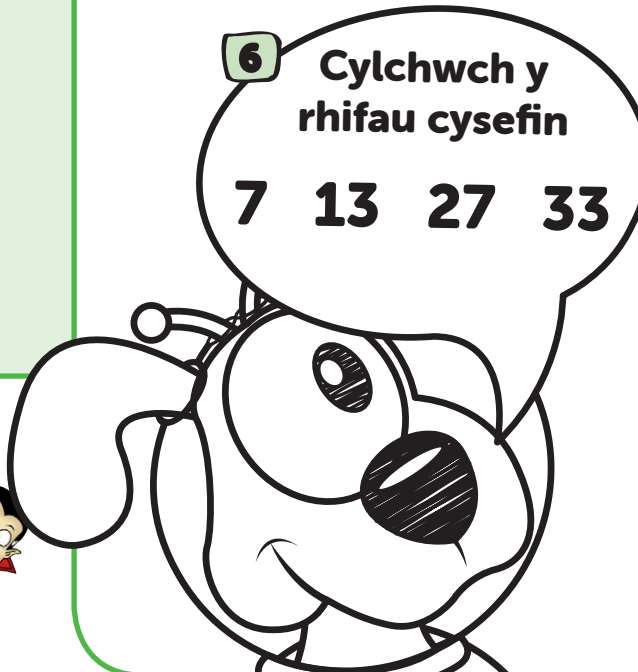
6 Cylchwch y rhifau cysefin
7 13 27 33

7 $748 - 382 =$

8
$$\begin{array}{r} 3268 \\ + \quad 85 \\ \hline \end{array}$$

9
$$\begin{array}{r} 43752 \\ - 29268 \\ \hline \end{array}$$

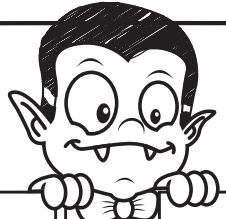
10 $4 \overline{)75}$





1 $9 \times 0.05 =$

2 Talgrynnwch i'r 10,000 agosaf
8,319,564

3 
-100 -150 -175 -200

Enw:

Dosbarth:

Dyddiad:

4 $\begin{array}{r} -3 \\ -8 \end{array}$ Y bwlch yw

5 $10 - \square = 1.79$

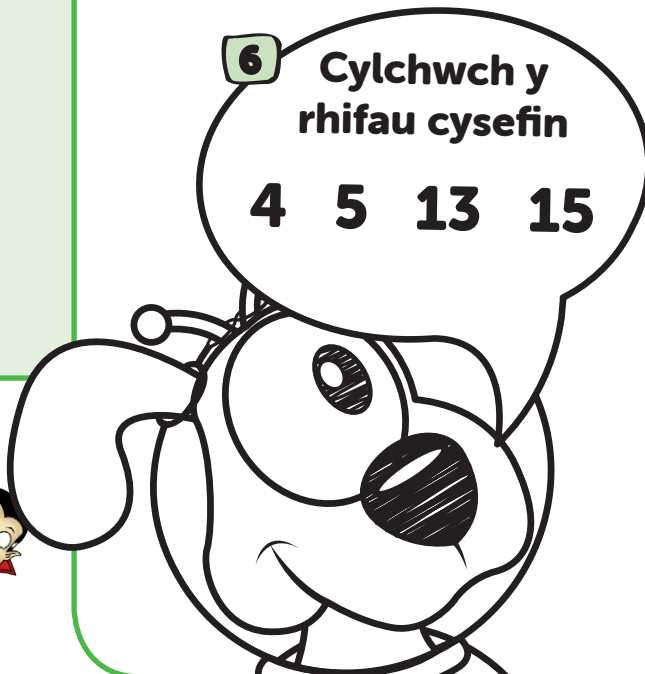
6 Cylchwch y rhifau cysefin
4 5 13 15

7 $831 - 437 =$

8 $\begin{array}{r} 2879 \\ + 465 \\ \hline \end{array}$

9 $\begin{array}{r} 81429 \\ - 14653 \\ \hline \end{array}$

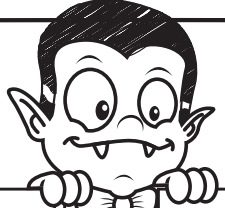
10 $6 \overline{)807}$





1 $8 \times 0.04 =$

2 Talgrynnwch i'r 1000 agosaf
36,493

3 
-200 -225 -250 -300

Enw:

Dosbarth:

Dyddiad:

4 $\begin{array}{r} -5 \\ -9 \end{array}$ Y bwlch yw

5 $1 - \square = 0.45$

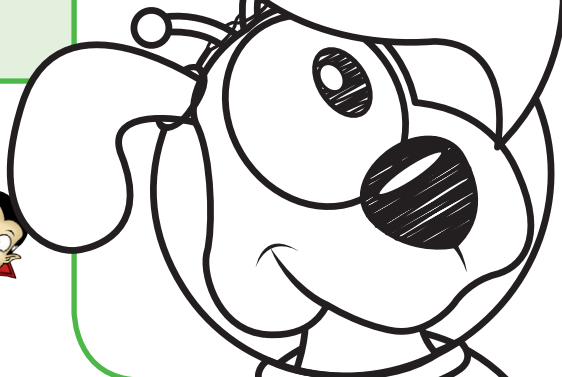
6 Cylchwch y rhifau cysefin
8 17 28 37

7 $628 - 235 =$

8 $\begin{array}{r} 8567 \\ + 638 \\ \hline \end{array}$

9 $\begin{array}{r} 72380 \\ - 16198 \\ \hline \end{array}$

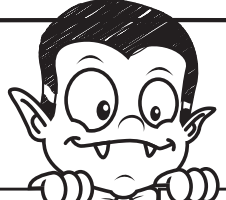
10 $9 \overline{)471}$





1 $5 \times 0.07 =$

2 Talgrynnwch i'r
100 agosaf
614,287

3 
-350 -400 -425 -450

4 $\begin{array}{r} -4 \\ -7 \end{array}$ Y bwlch yw

5 $56.8 + \square = 100$

6 Cylchwch y
rhifau cysefin
5 7 15 51

7 $482 - 149 =$

8 $\begin{array}{r} 5194 \\ + 967 \\ \hline \end{array}$

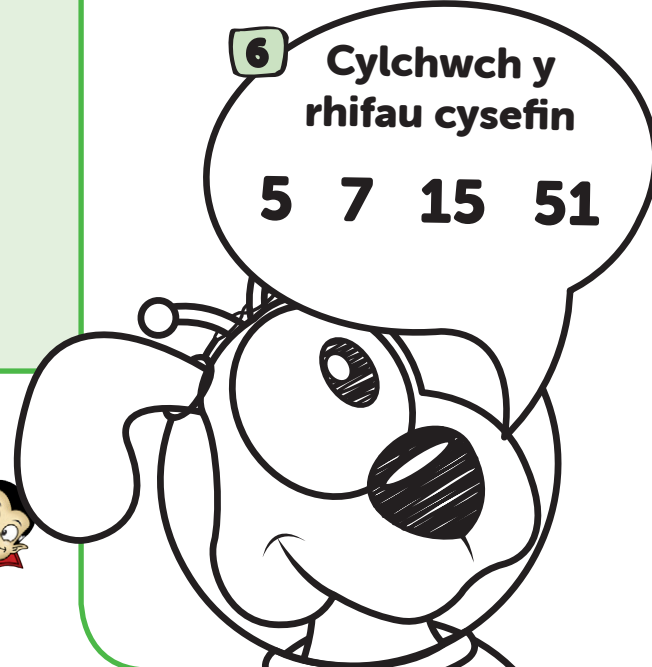
9 $\begin{array}{r} 56347 \\ - 23869 \\ \hline \end{array}$

10 $7 \overline{)528}$

Enw:

Dosbarth:

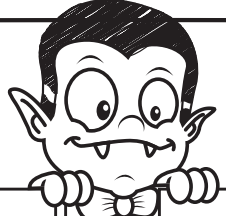
Dyddiad:





1 $6 \times 0.08 =$

2 Talgrynnwch i'r
100,000 agosaf
73,503,185

3 
-425 -450 -475 -525

4 $\begin{array}{r} -2 \\ -5 \end{array}$ Y bwlch yw

5 $100 - \square = 15.6$

6 Cylchwch y
rhifau cysefin
11 18 31 45

7 $567 - 218 =$

8 $\begin{array}{r} 4586 \\ + 718 \\ \hline \end{array}$

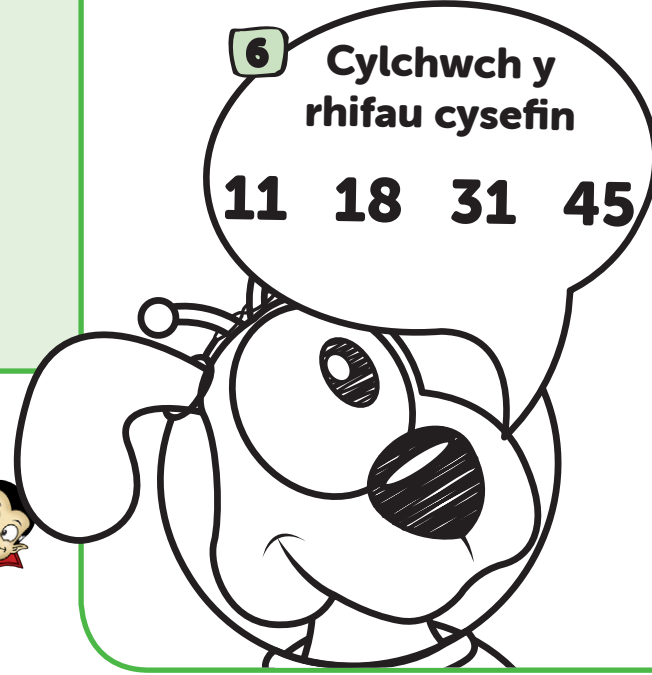
9 $\begin{array}{r} 62174 \\ - 13895 \\ \hline \end{array}$

10 $8 \overline{)667}$

Enw:

Dosbarth:

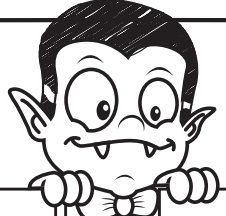
Dyddiad:





1 $9 \times 0.09 =$

2 Talgrynnwch i'r 1,000,000 agosaf
5,093,964

3 
-575 -600 -650 -675

Enw:

Dosbarth:

Dyddiad:

4 -3 -9 Y bwlch yw

5 $10 = 4.19 +$

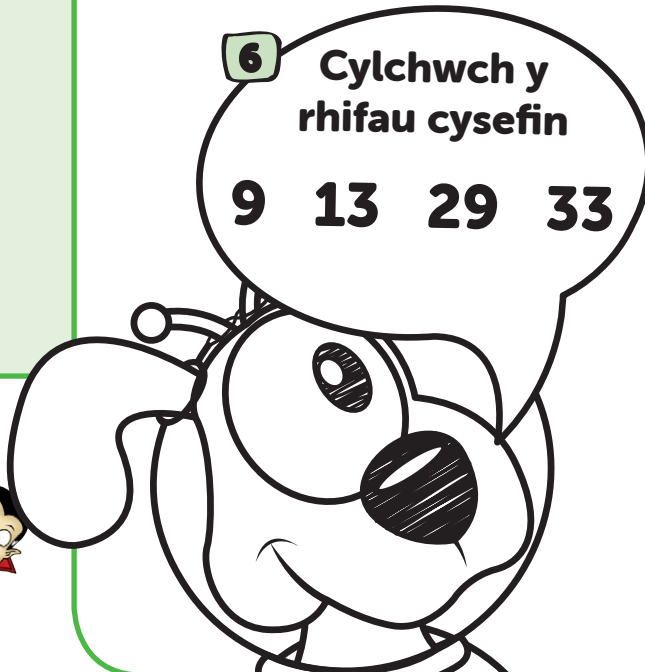
6 Cylchwch y rhifau cysefin
9 13 29 33

7 $775 - 438 =$

8 $6836 + 386$

9 $92063 - 15395$

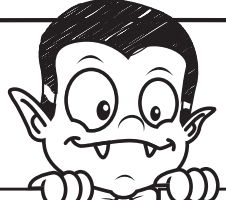
10 $6 \overline{)452}$





1 $8 \times 0.08 =$

2 Talgrynnwch i'r 1000 agosaf
784,569

3 

| | | | | |
|--|------|------|--|------|
| | -200 | -225 | | -275 |
|--|------|------|--|------|

4 $\begin{array}{l} -1 \\ -6 \end{array}$ Y bwlch yw

5 $0.36 = 1 -$

6 Cylchwch y rhifau cysefin
7 23 32 49

7 $853 - 177 =$

8
$$\begin{array}{r} 7569 \\ + 673 \\ \hline \end{array}$$

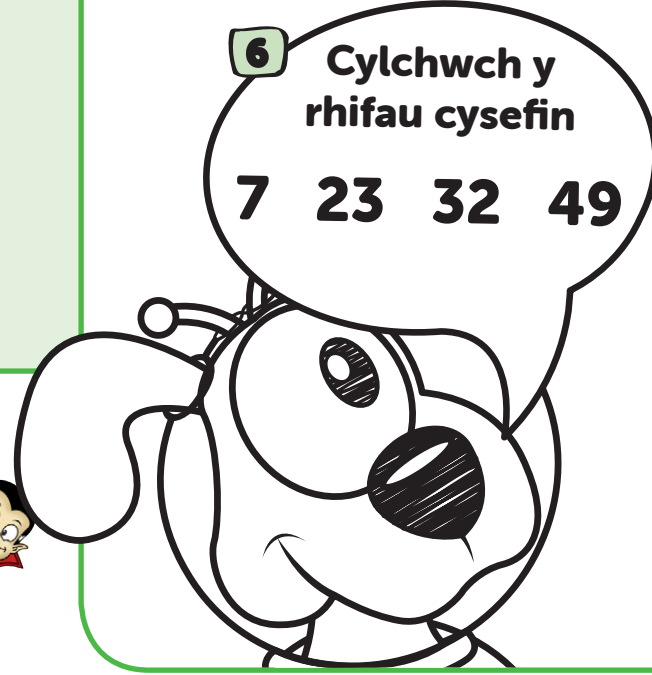
9
$$\begin{array}{r} 76314 \\ - 28736 \\ \hline \end{array}$$

10 $9 \overline{)759}$

Enw:

Dosbarth:

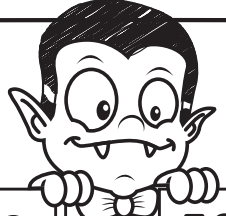
Dyddiad:





1 $4 \times 0.09 =$
0.36

2 Talgrynnwch i'r 1000 agosaf
2,567,328
2,567,000

3 
25 0 -25 -50 -75

4 $\begin{array}{r} -3 \\ -7 \end{array}$ Y bwlch yw
4

5 $4.8 + \boxed{5.2} = 10$

6 Cylchwch y rhifau cysefin
3 9 15 17

7 $463 - 189 =$
274

8 $\begin{array}{r} 5686 \\ + 749 \\ \hline 6435 \end{array}$

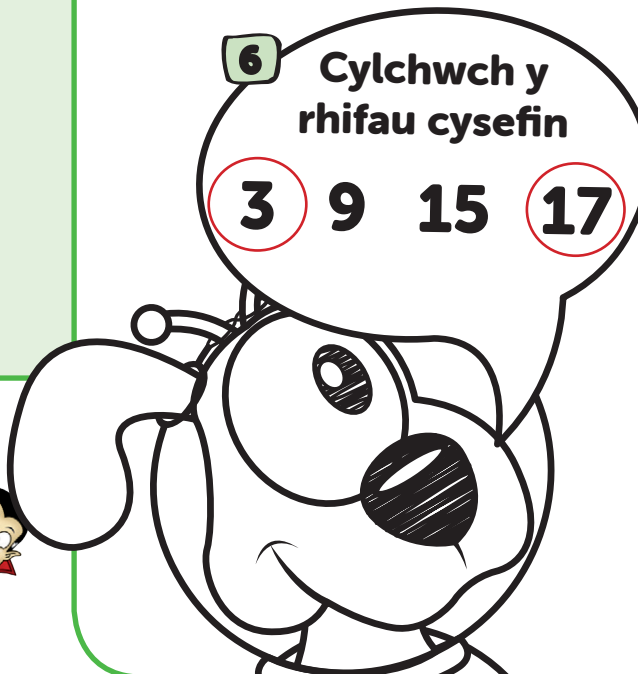
9 $\begin{array}{r} 95686 \\ - 54749 \\ \hline 40937 \end{array}$

10 $6 \overline{)503} \quad \begin{array}{r} 83 \\ \hline r 5 \end{array}$

Enw:

Dosbarth:

Dyddiad:



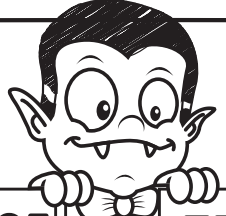
FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURO CLIC?!



1 $3 \times 0.07 =$
0.21

2 Talgrynnwch i'r
100 agosaf
84,657
84,700

3 
0 -25 **-50** -75 -100

4 $\begin{array}{r} -1 \\ -8 \end{array}$ Y bwlch yw
7

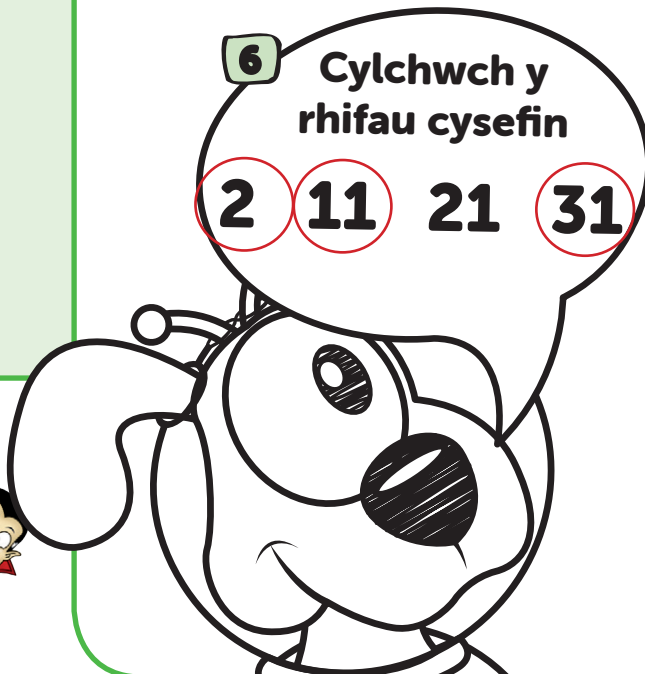
5 $3.76 +$ **6.24** $= 10$

6 Cylchwch y
rhifau cysefin
2 11 21 31

7 $534 - 278 =$
256

8 $\begin{array}{r} 4837 \\ + \quad 68 \\ \hline 4905 \end{array}$

Enw:
Dosbarth:
Dyddiad:



9 $\begin{array}{r} 68324 \\ - 12507 \\ \hline 55817 \end{array}$

10 $\begin{array}{r} 13 \text{ r } 4 \\ 7 \overline{) 95} \end{array}$



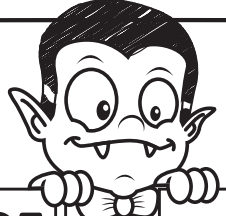
Enw:

Dosbarth:

Dyddiad:

1 $6 \times 0.04 =$
0.24

2 Talgrynnwch i'r
10,000 agosaf
436,594
440,000

3 
50 25 0 -25 -50

4 $\begin{array}{r} -4 \\ -9 \end{array}$ Y bwlch yw
5

5 $0.54 + \boxed{0.46} = 1$

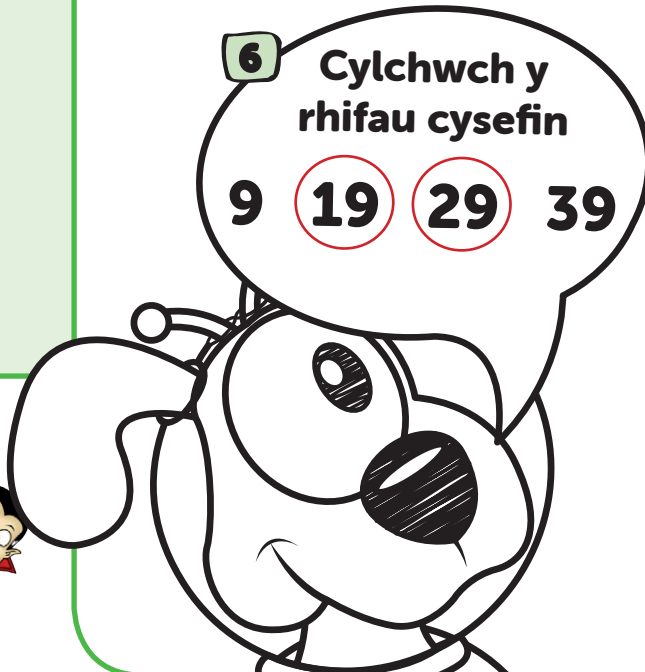
6 Cylchwch y
rhifau cysefin
9 **19** **29** 39

7 $326 - 167 =$
159

8 $\begin{array}{r} 6478 \\ + 296 \\ \hline 6774 \end{array}$

9 $\begin{array}{r} 36845 \\ - 13257 \\ \hline 23588 \end{array}$

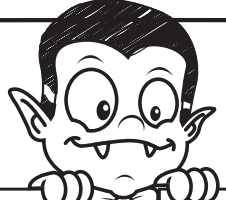
10 $\begin{array}{r} 17 \text{ r } 1 \\ 8 \overline{)137} \end{array}$





1 $7 \times 0.08 =$
0.56

2 Talgrynnwch i'r
1,000,000 agosaf
48,476,493
48,000,000

3 
-50 -75 **-100** -125 -150

4 -2 -6 Y bwlch yw
4

5 $10 -$ **3.7** $= 6.3$

6 Cylchwch y
rhifau cysefin
7 **13** 27 33

7 $748 - 382 =$
366

8 3268
 $+ 85$
3353

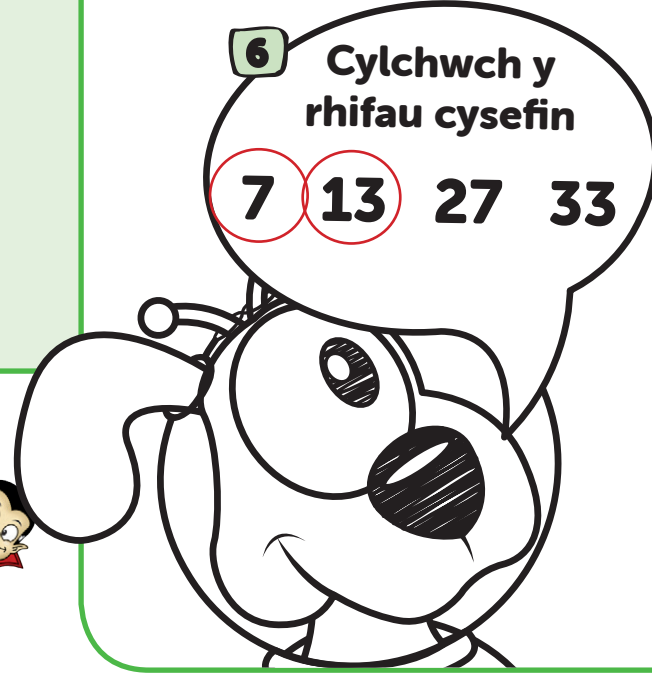
9 43752
 $- 29268$
14484

10 **18 r 3**
 $4 \overline{)75}$

Enw:

Dosbarth:

Dyddiad:





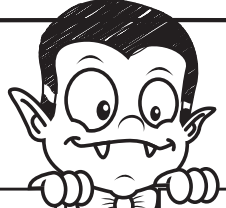
Enw:

Dosbarth:

Dyddiad:

1 $9 \times 0.05 =$
0.45

2 Talgrynnwch i'r
10,000 agosaf
8,319,564
8,320,000

3 
-100 -125 -150 -175 -200

4 $\begin{array}{r} -3 \\ -8 \end{array}$ Y bwlch yw
5

5 $10 - \boxed{8.21} = 1.79$

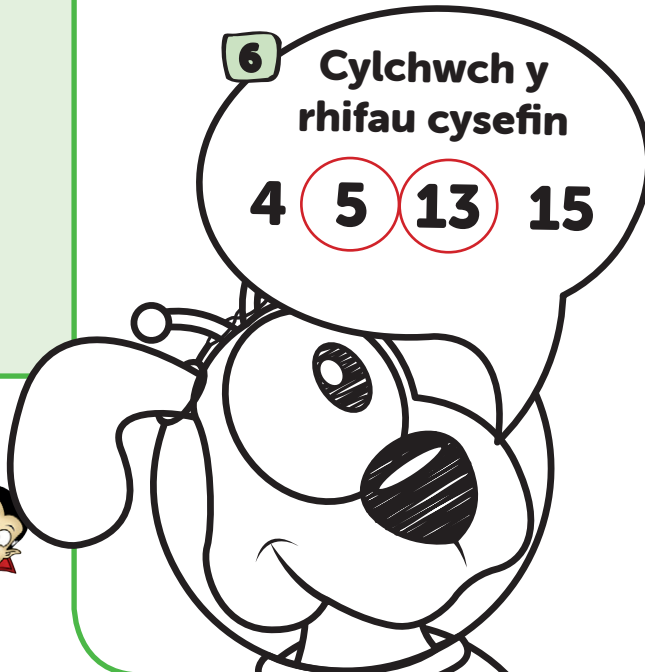
6 Cylchwch y
rhifau cysefin
4 **5** **13** 15

7 $831 - 437 =$
394

8 $\begin{array}{r} 2879 \\ + 465 \\ \hline \end{array}$
3344

9 $\begin{array}{r} 81429 \\ - 14653 \\ \hline \end{array}$
66776

10 $\begin{array}{r} 134 \text{ r } 3 \\ 6 \overline{) 807} \end{array}$



FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURO CLIC?!



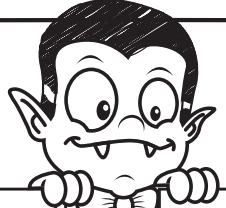
Enw:

Dosbarth:

Dyddiad:

1 $8 \times 0.04 =$
0.32

2 Talgrynnwch i'r
1000 agosaf
36,493
36,000

3 
-200 -225 -250 -275 -300

4 -5 -9 Y bwlch yw
4

5 $1 - 0.55 = 0.45$

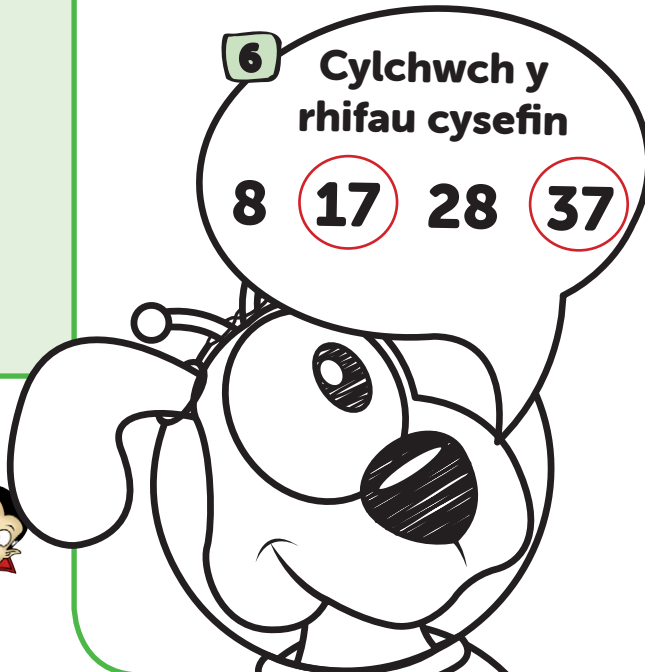
6 Cylchwch y
rhifau cysefin
8 **17** 28 **37**

7 $628 - 235 =$
393

8 $8567 + 638 =$
9205

9 $72380 - 16198 =$
56182

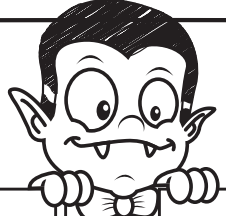
10 $9 \overline{)471} = 52 \text{ r } 3$





1 $5 \times 0.07 =$
0.35

2 Talgrynnwch i'r
100 agosaf
614,287
614,300

3 
-350 -**375** -400 -425 -450

Enw:

4 $\begin{array}{r} -4 \\ -7 \end{array}$ Y bwlch yw
3

5 $56.8 +$ **43.2** $= 100$

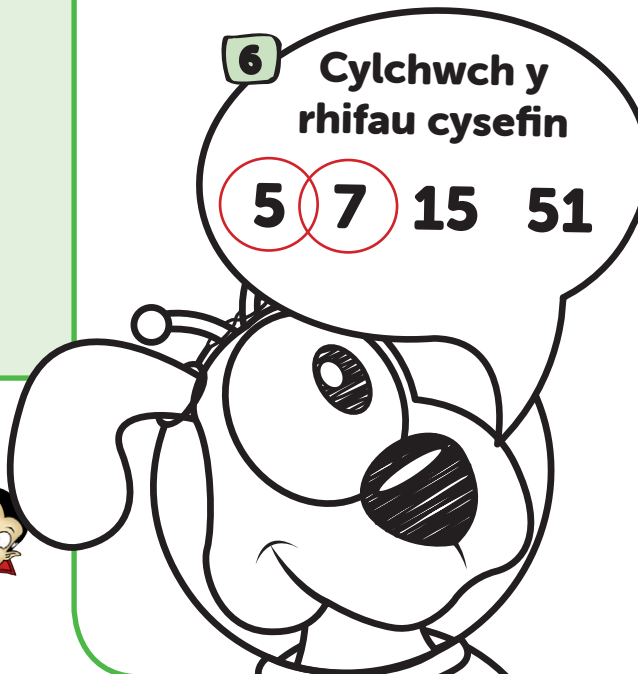
Dosbarth:

6 Cylchwch y
rhifau cysefin
5 7 15 51

7 $482 - 149 =$
333

8 $\begin{array}{r} 5194 \\ + 967 \\ \hline \end{array}$
6161

Dyddiad:



9 $\begin{array}{r} 56347 \\ - 23869 \\ \hline \end{array}$
32478

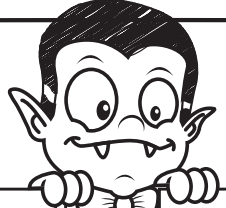
10 $7 \overline{)528}$
75 r 3





1 $6 \times 0.08 =$
0.48

2 Talgrynnwch i'r
100,000 agosaf
73,503,185
73,500,000

3 
-425 -450 -475 **-500** -525

4 $\begin{array}{l} -2 \\ -5 \end{array}$ Y bwlch yw
3

5 $100 - \mathbf{84.4} = 15.6$

6 Cylchwch y
rhifau cysefin
11 18 31 **45**

7 $567 - 218 =$
349

8 $\begin{array}{r} 4586 \\ + 718 \\ \hline \end{array}$
5304

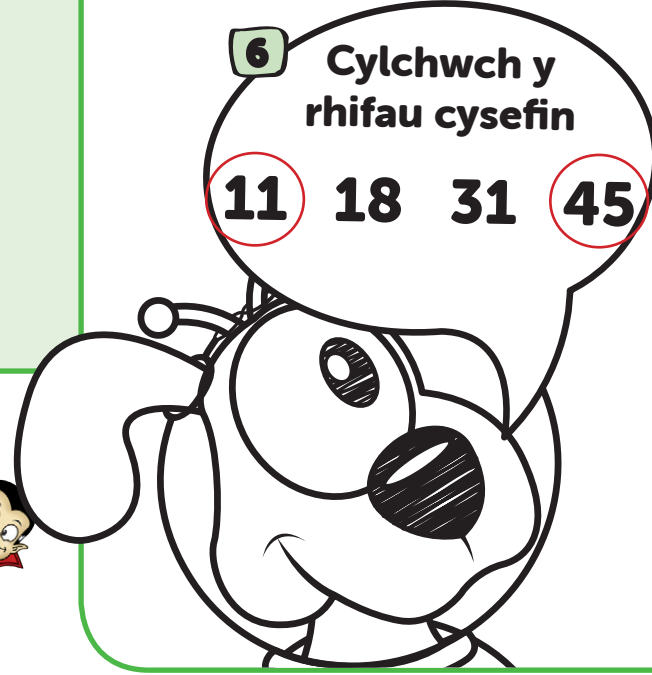
9 $\begin{array}{r} 62174 \\ - 13895 \\ \hline \end{array}$
48279

10 $\begin{array}{r} \mathbf{83} \text{ r } \mathbf{3} \\ 8 \overline{)667} \end{array}$

Enw:

Dosbarth:

Dyddiad:





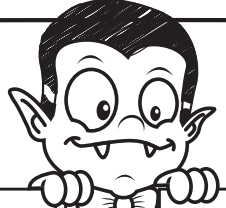
Enw:

Dosbarth:

Dyddiad:

1 $9 \times 0.09 =$
0.81

2 Talgrynnwch i'r
1,000,000 agosaf
5,093,964
5,000,000

3 
-575 -600 **-625** -650 -675

4 $\begin{array}{r} -3 \\ -9 \end{array}$ Y bwlch yw
6

5 $10 = 4.19 +$ **5.81**

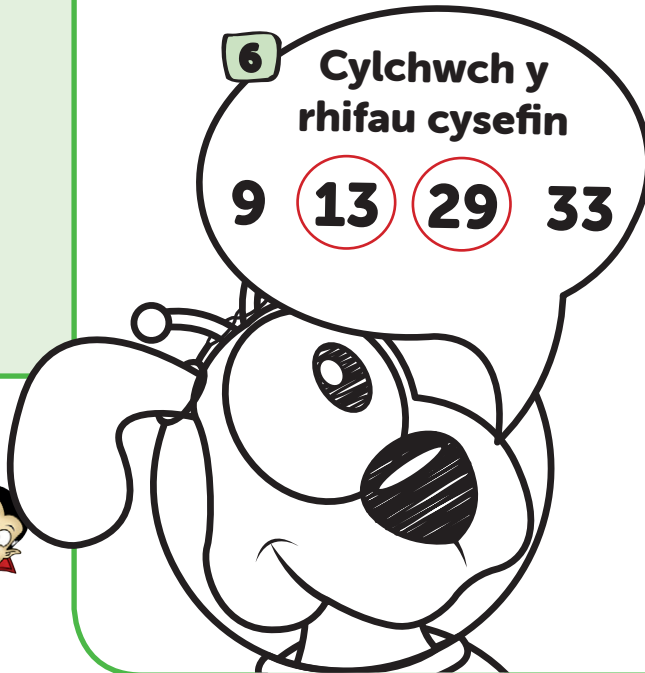
6 Cylchwch y
rhifau cysefin
9 **13** **29** 33

7 $775 - 438 =$
337

8 $\begin{array}{r} 6836 \\ + 386 \\ \hline \end{array}$
7222

9 $\begin{array}{r} 92063 \\ - 15395 \\ \hline \end{array}$
76668

10 $\begin{array}{r} 75 \text{ r } 2 \\ 6 \overline{)452} \end{array}$



FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURO CLIC?!



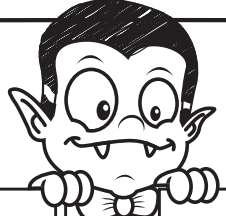
Enw:

Dosbarth:

Dyddiad:

1 $8 \times 0.08 =$
0.64

2 Talgrynnwch i'r
1000 agosaf
784,569
785,000

3 
-175 -200 -225 -250 -275

4 $\begin{array}{r} -1 \\ -6 \end{array}$ Y bwlch yw
5

5 $0.36 = 1 -$ **0.64**

6 Cylchwch y
rhifau cysefin
7 23 32 49

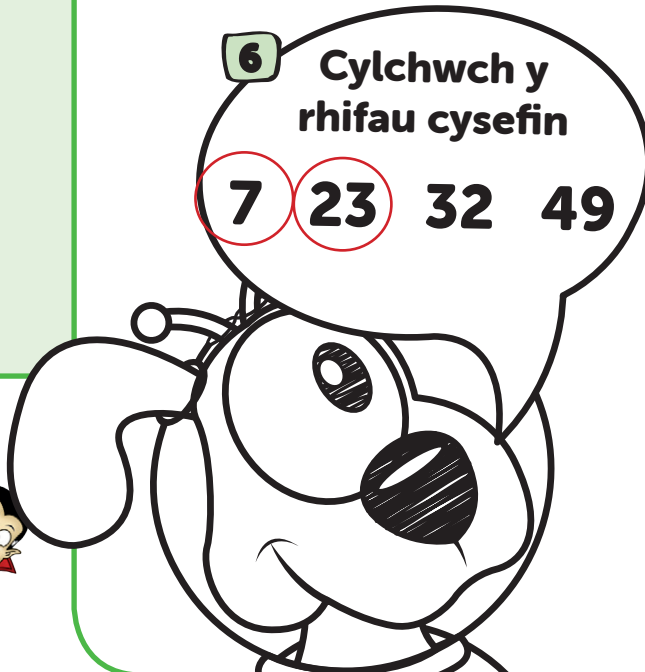
7 $853 - 177 =$
676

8 $\begin{array}{r} 7569 \\ + 673 \\ \hline 8242 \end{array}$

9 $\begin{array}{r} 76314 \\ - 28736 \\ \hline 47578 \end{array}$

10 $\begin{array}{r} 84 \text{ r } 3 \\ 9 \overline{)759} \end{array}$

The **CLIC** Challenges!
Big Maths



FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURO CLIC?!