

Part of

**BEAT
THAT!**



Welsh Language

The **Big** Maths



SAFE

Challenges!

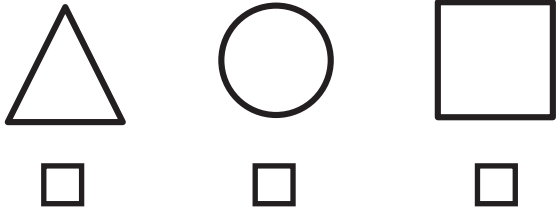
Thank you to Ysgol Gymraeg Treganna, Ysgol Gymraeg Glan Ceubal and Ysgol Morfa Rhianedd for their generous help in translating the SAFE Challenges to Welsh.



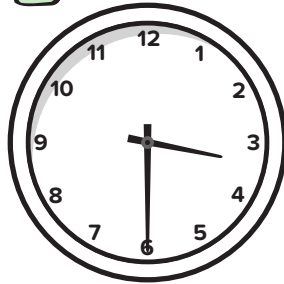
Big Maths Beat That!: Teacher Notes

SAFE Challenge 6			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	13	I can recognise many different types of familiar 2D shapes
Q2	Shape: 3D Shapes	10	I can recognise many different types of familiar 3D shapes
Q3	Amounts: Amounts of Money	7	I can use coins to make totals up to 20p
Q4	Amounts: Amounts of Time: Telling The Time	4	I can read, write and draw 'half past'
Q5	Fractions: Fractions of a Whole	4	I can spot a quarter
Q6	Fractions: Fractions of a Whole	6	I can spot a third
Q7	Explaining Data: Diagrams & Tables	11	I can explain tally charts
Q8	Explaining Data: Bar Charts	2	I can explain counting towers
Q9	Dangerous Maths: Pattern Spotting	8	I understand the pattern of odd and even numbers
Q10	Dangerous Maths: Algebra	2	I know symbols can represent unknown numbers

1 Ticiwch y cylch



4






Hanner awr wedi 9

Chwech o'r gloch

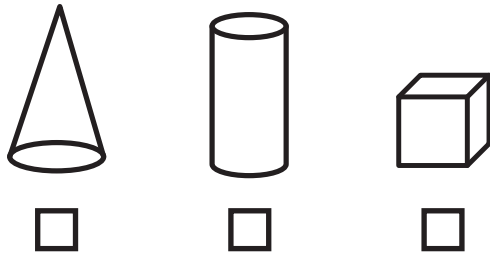
Hanner awr wedi 3

7

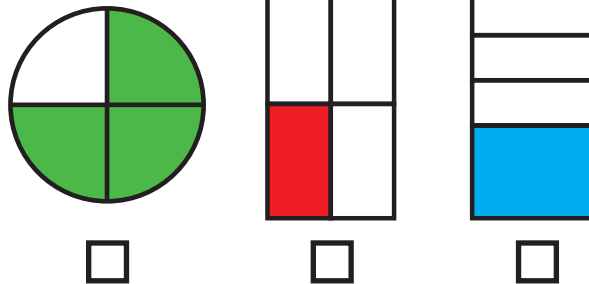
	Ceir		
	Faniau		
	Beiciau		

Sawl car?

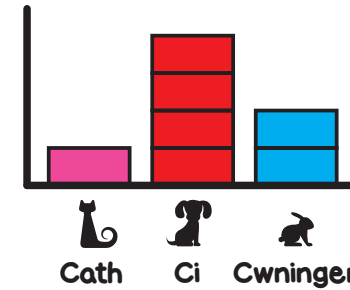
2 Ticiwch y ciwb



5 Ticiwch un chwarter



8

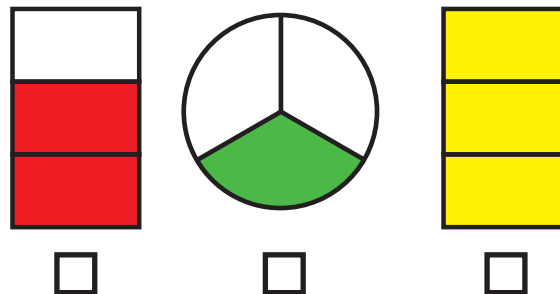


Sawl cath?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c



6 Ticiwch un traean



9 Ble mae'r odrif?

13 42 10 86

10

$$3 + \text{😊} = 10$$

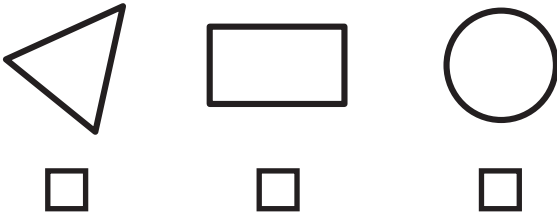
$$\text{😊} =$$

FY SGÔR DDIWETHAF?!

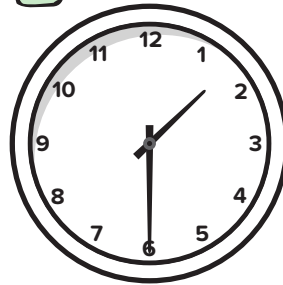
YDW I WEDI EI GURO?!



1 Ticiwch y cylch



4






Hanner awr wedi 1

Pump o'r gloch

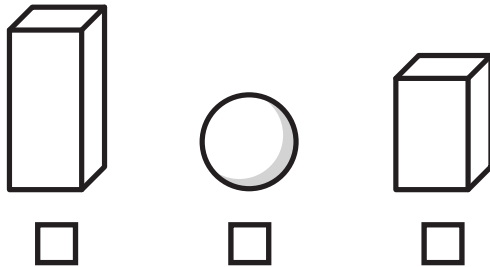
Hanner awr wedi 4

7

	Beiciau	
	Ceir	
	Faniau	

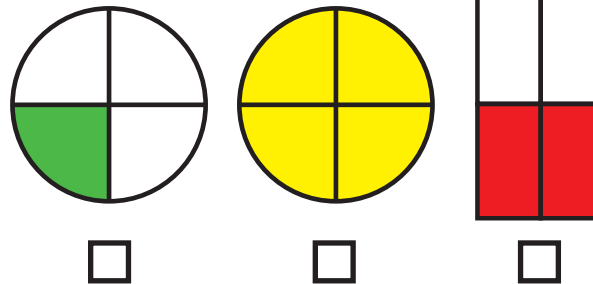
Sawl beic?

2 Ticiwch y sfêr

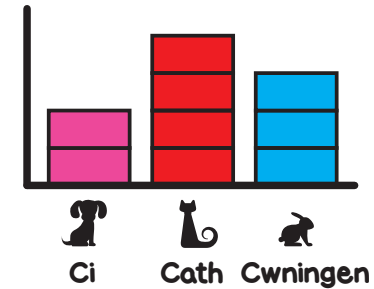


5

Ticiwch un chwarter



8



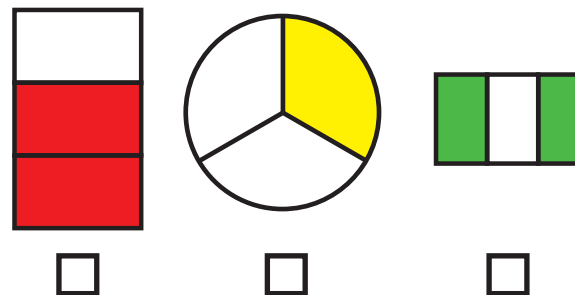
Sawl cath?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 13c



6

Ticiwch un traean



9

Ble mae'r eilrif?

15 26 11 47

10

$$1 + \text{car} = 10$$

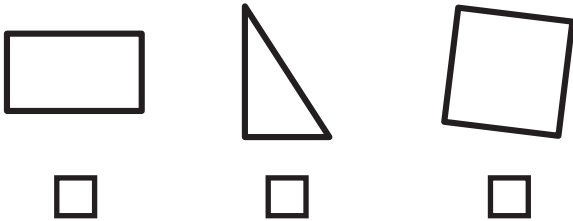
$$\text{car} =$$

FY SGÔR DDIWETHAF?!

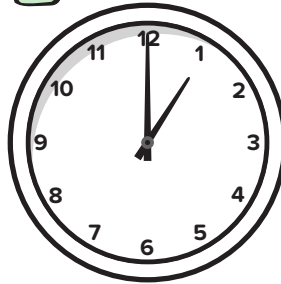
YDW I WEDI EI GURO?!



1 Ticiwch y sgwâr



4






Un o'r gloch

Hanner awr wedi 7

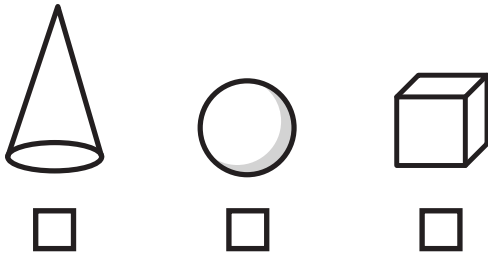
Hanner awr wedi 2

7

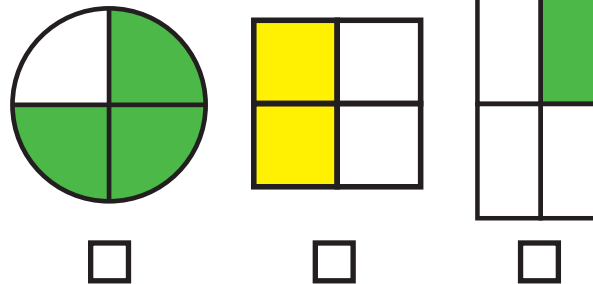
 Ceir			
 Faniau			
 Beiciau			

Sawl fan?

2 Ticiwch y côn



5 Ticiwch un chwarter



8

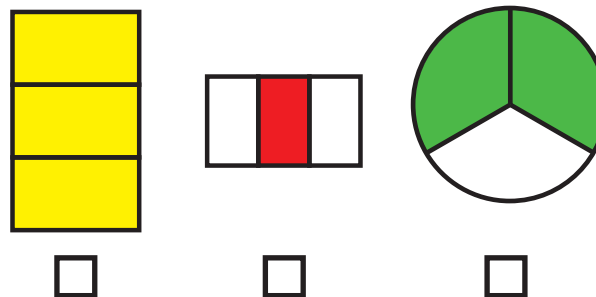


Sawl cwningen?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 11c



6 Ticiwch un traean



9 Ble mae'r odrif?

18 41 14 66

10

$$5 + \text{motorcycle} = 10$$

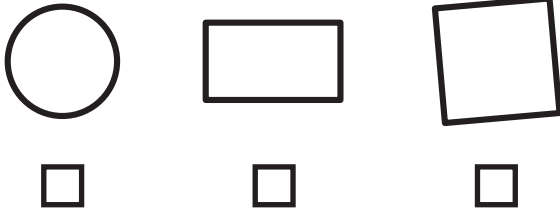
$$\text{motorcycle} =$$

FY SGÔR DDIWETHAF?!

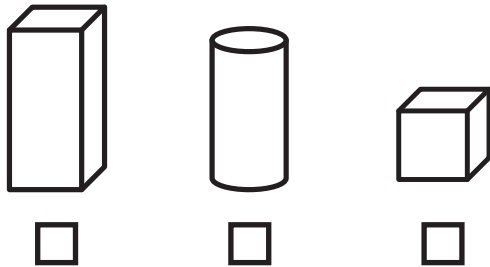
YDW I WEDI EI GURO?!



1 Ticiwch y petryal



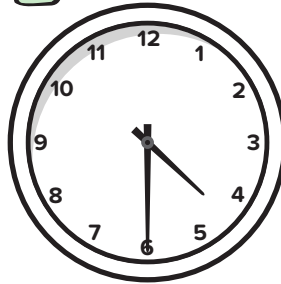
2 Ticiwch y ciwboid



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 12c



4



Hanner awr wedi 10

Naw o'r gloch

Hanner awr wedi 4

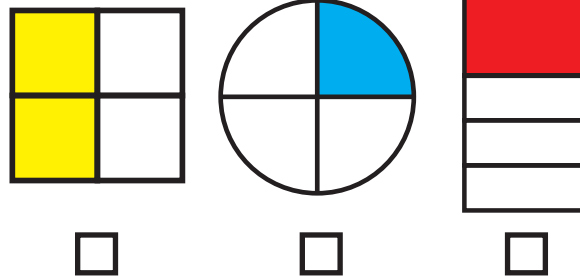
7

Peli		
Blociau		
Botymau		

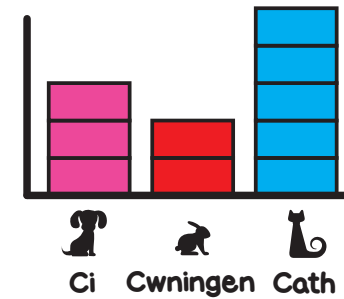
Sawl pêl?

5

Ticiwch un chwarter



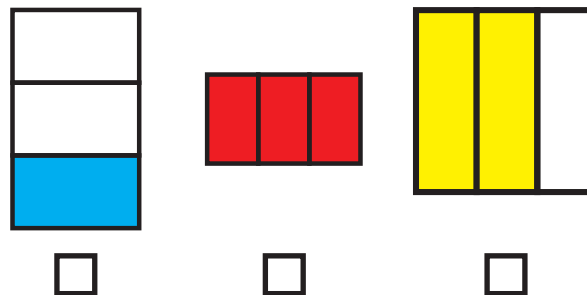
8



Sawl cwningen?

6

Ticiwch un traean



9

Pa ddau rif sy'n dod nesaf?

16 18 20

10

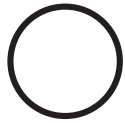
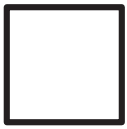
$$8 + \text{car} = 10$$

$$\text{car} =$$

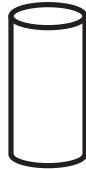
FY SGÔR DDIWETHAF?

YDW I WEDI EI GURO?

1 Ticiwch y sgwâr



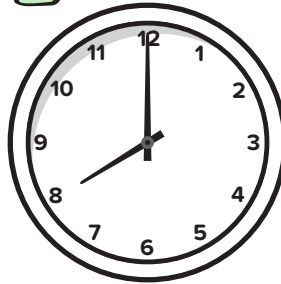
2 Ticiwch y côn



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 18c



4

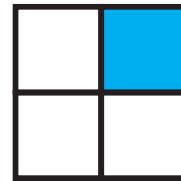
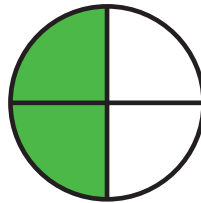


Wyth o'r gloch

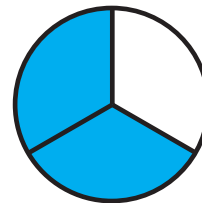
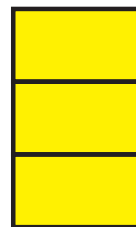
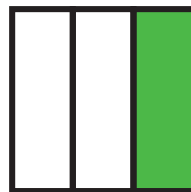
Hanner awr wedi 1

Hanner awr wedi 5

5 Ticiwch un chwarter



6 Ticiwch un traean



7



Beiciau



Ceir

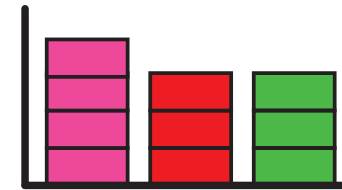


Faniau



Sawl beic?

8



Sawl car?



Ci



Car



Cath

9

Pa ddau rif sy'n dod nesaf?

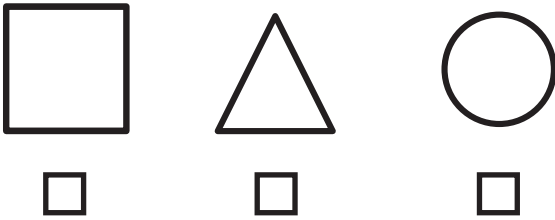
61 63 65

10

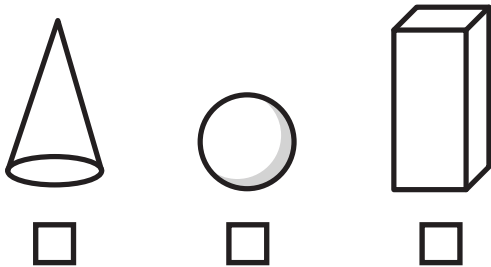
$$1 + \text{car icon} = 10$$

$$\text{car icon} =$$

1 Ticiwch y cylch



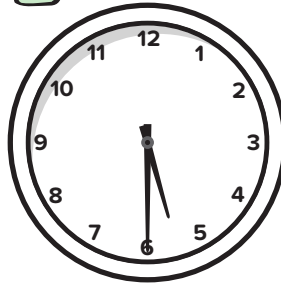
2 Ticiwch y ciwboid



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 16c



4



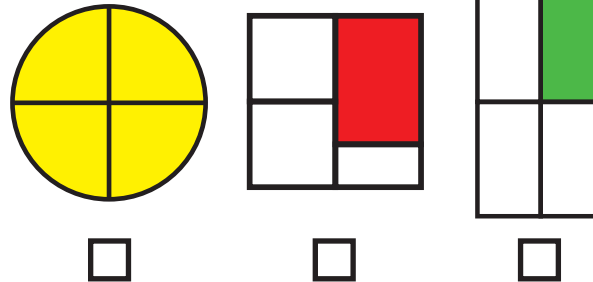
Chwech o'r gloch

Hanner awr wedi 2

Hanner awr wedi 5

5

Ticiwch un chwarter

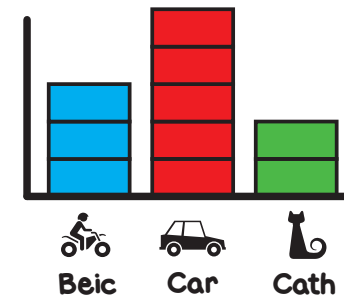


7

Peli	
Botymau	
Blociau	

Sawl botwm?

8

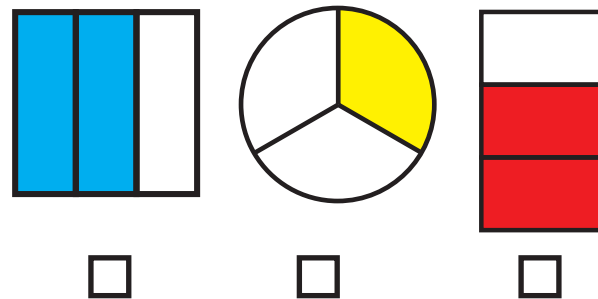


Sawl beic?

3

6

Ticiwch un traean



9

Ble mae'r odrif?

27

36

44

82

10

$$9 + \text{😊} = 10$$

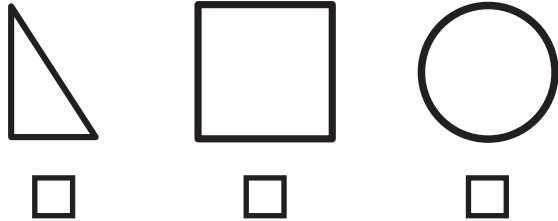
$$\text{😊} =$$

FY SGÔR DDIWETHAF?!

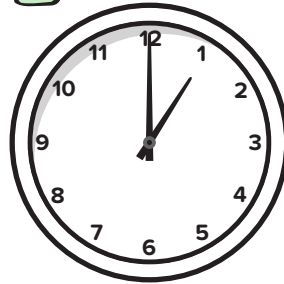
YDW I WEDI EI GURO?!



1 Ticiwch y sgwâr



4





Un o'r gloch

Hanner awr wedi 7

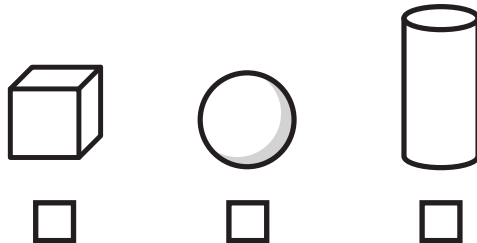
Hanner awr wedi 9

7

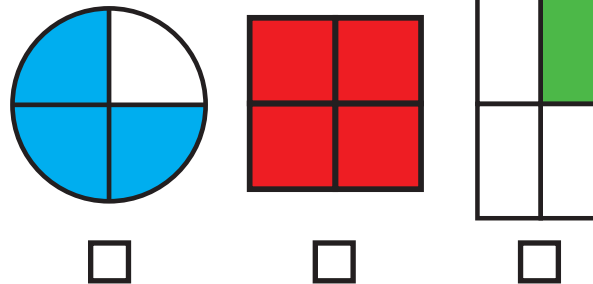
 Ceir			
 Faniau			
 Beiciau			

Sawl car?

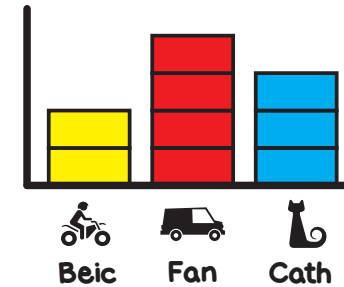
2 Ticiwch y ciwb



5 Ticiwch un chwarter



8

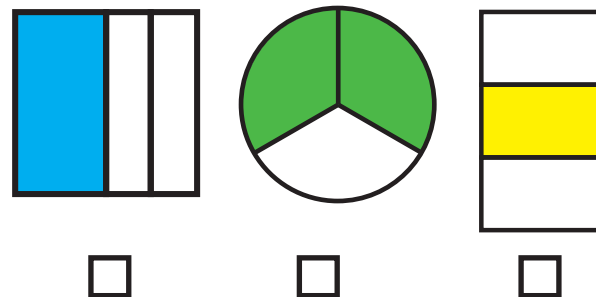


Sawl fan?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 11c



6 Ticiwch un traean



9 Ble mae'r eilrif?

27 26 47 57

10

$$6 + \text{?} = 10$$

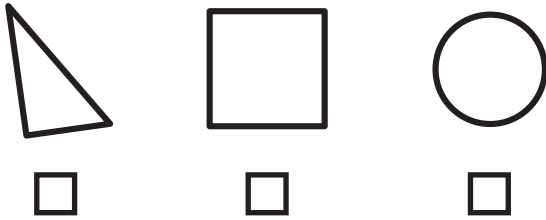
$$\text{?} =$$

FY SGÔR DDIWETHAF?!

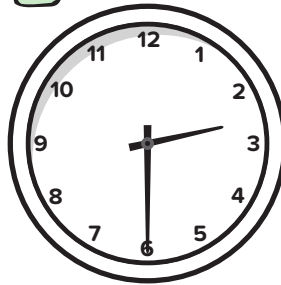
YDW I WEDI EI GURO?!



1 Ticiwch y triongl



4



Dau o'r gloch

Hanner awr wedi 1

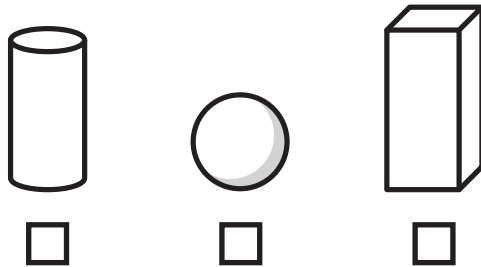
Hanner awr wedi 2

7

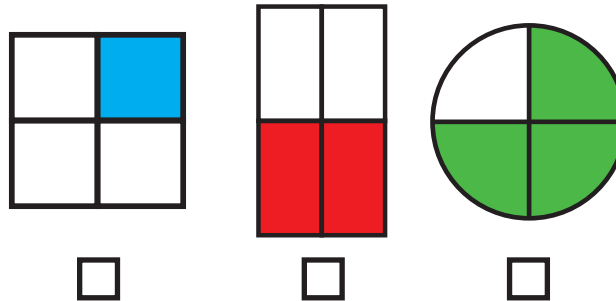
Botymau	
Blociau	////
Peli	////

Sawl bloc?

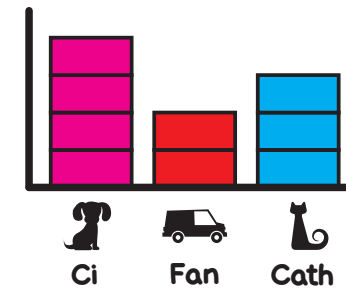
2 Ticiwch y sfêr



5 Ticiwch un chwarter



8

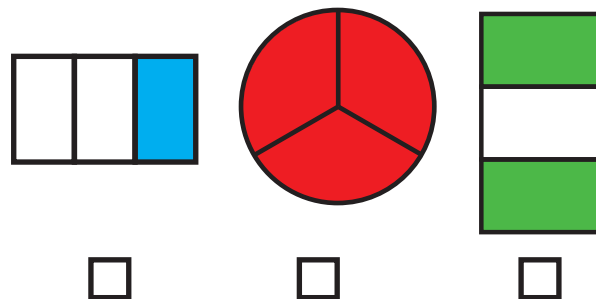


Sawl cath?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c



6 Ticiwch un traean



9 Ble mae'r odrif?

24 33 96 72

10

$$5 + \text{dog} = 10$$

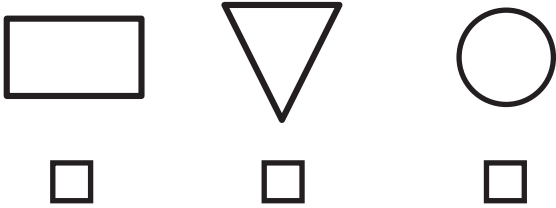
$$\text{dog} =$$

FY SGÔR DDIWETHAF?!

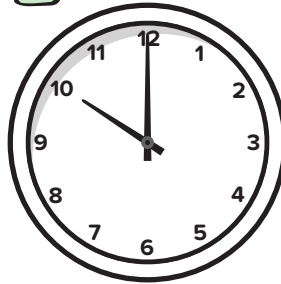
YDW I WEDI EI GURO?!



1 Ticiwch y petryal



4






Deg o'r gloch

Hanner awr wedi 2

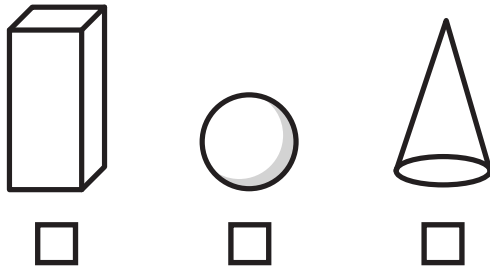
Hanner awr wedi 8

7

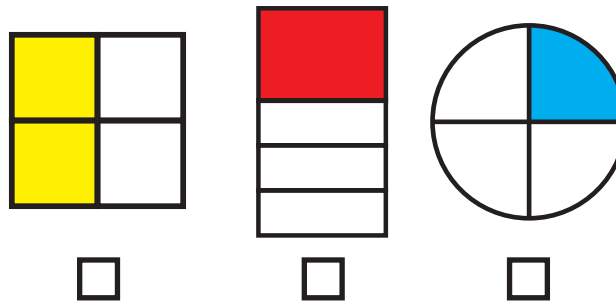
	Beiciau	
	Ceir	////
	Faniau	//// ////

Sawl fan?

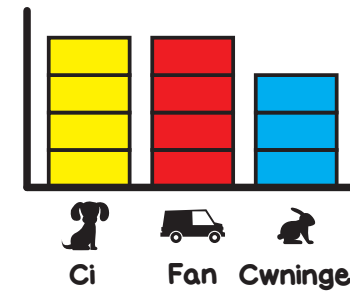
2 Ticiwch y ciwboid



5 Ticiwch un chwarter



8

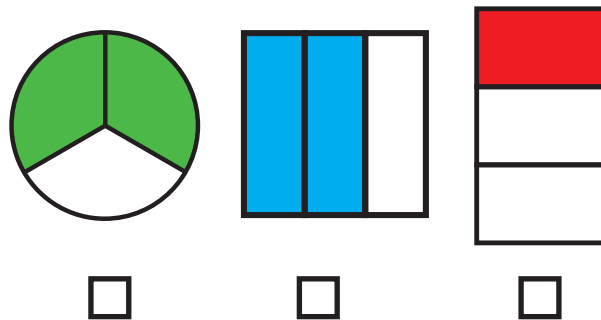


Sawl cwningen?

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 13c



6 Ticiwch un traean



9 Pa ddau rif sy'n dod nesaf?

30 32 34

10

$$2 + \text{dog} = 10$$

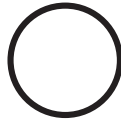
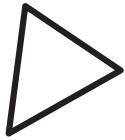
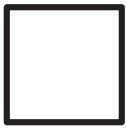
$$\text{dog} =$$

FY SGÔR DDIWETHAF?

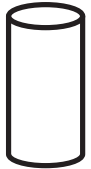
YDW I WEDI EI GURO?



1 Ticiwch y sgwâr



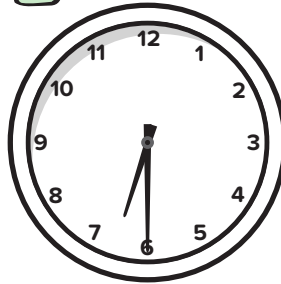
2 Ticiwch y côn



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c



4

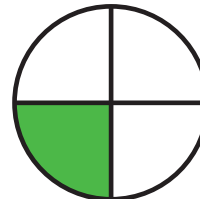
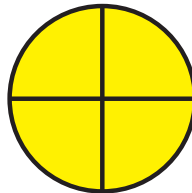


Tri o'r gloch

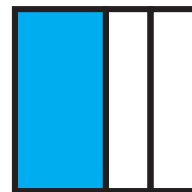
Hanner awr wedi 6

Hanner awr wedi 3

5 Ticiwch un chwarter



6 Ticiwch un traean

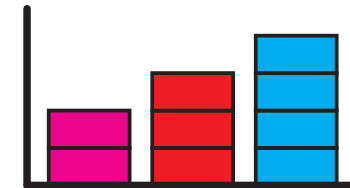


7

Blociau	
Botymau	////
Peli	////

Sawl pêl?

8



Sawl cath?

Cath Car Cwningen

9 Pa ddau rif sy'n dod nesaf?

49 51 53

10

$$7 + \text{😊} = 10$$

$$\text{😊} =$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



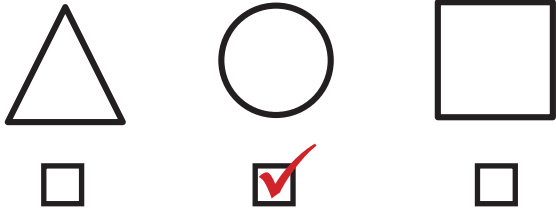
ATEBION

SAFE 6

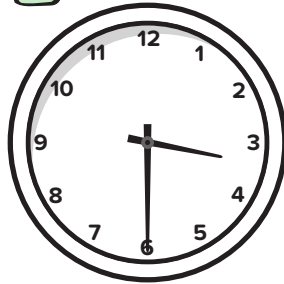
SET: 1

/10

1 Ticiwch y cylch



4



Hanner awr wedi 9

Chwech o'r gloch

Hanner awr wedi 3

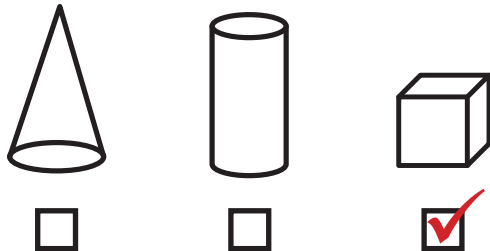
7

Ceir		
Faniau		
Beiciau		

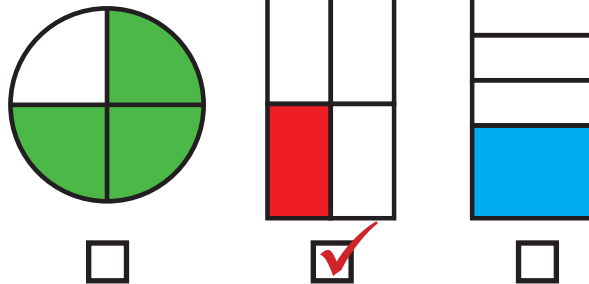
Sawl car?

7

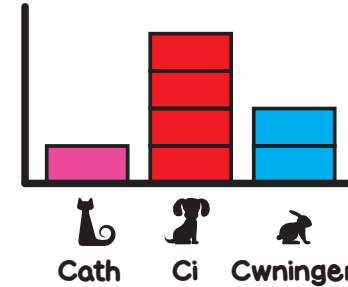
2 Ticiwch y ciwb



5 Ticiwch un chwarter



8



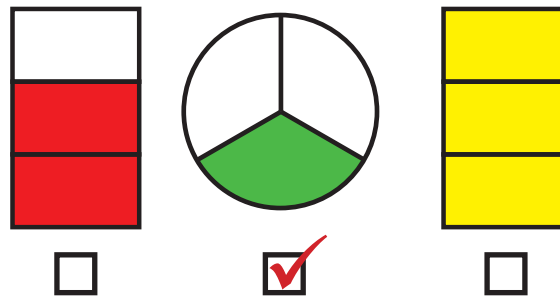
Sawl cath?

1

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c



6 Ticiwch un traean



9 Ble mae'r odrif?

13 42 10 86

10

$$3 + \text{😊} = 10$$

$$\text{😊} = 7$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



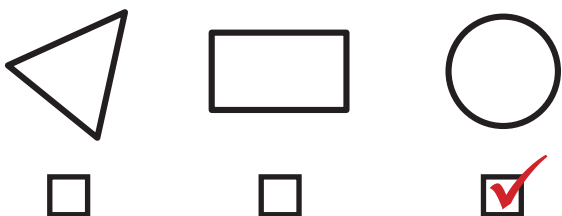
ATEBION

SAFE 6

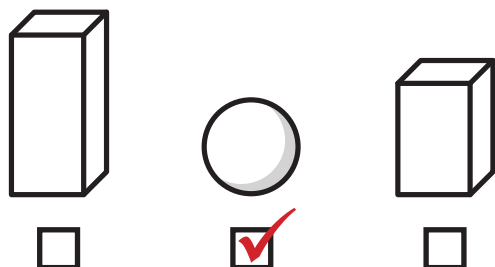
SET: 2

/10

1 Ticiwch y cylch



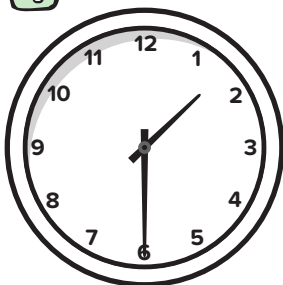
2 Ticiwch y sfêr



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 13c



4

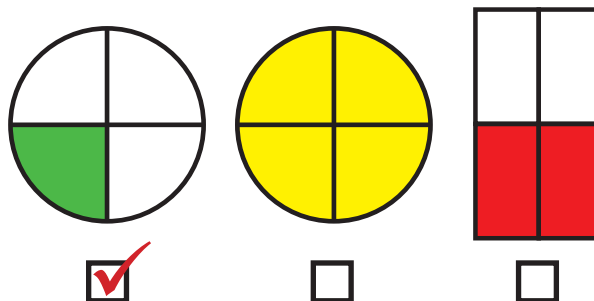


Hanner awr wedi 1

Pump o'r gloch

Hanner awr wedi 4

5 Ticiwch un chwarter

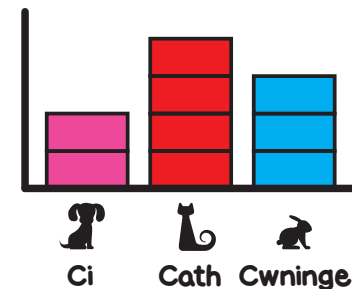


7

Beiciau	
Ceir	
Faniau	

Sawl beic? **6**

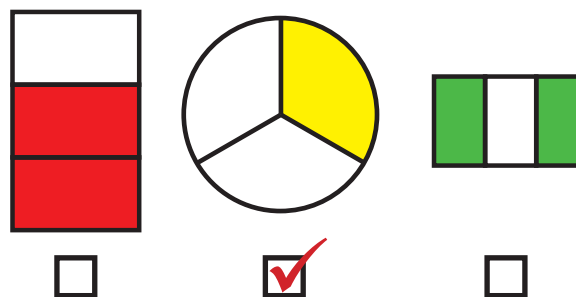
8



Sawl cath?

4

6 Ticiwch un traean



9 Ble mae'r eilrif?

15 **26** 11 47

10

$$1 + \text{car} = 10$$

$$\text{car} = 9$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



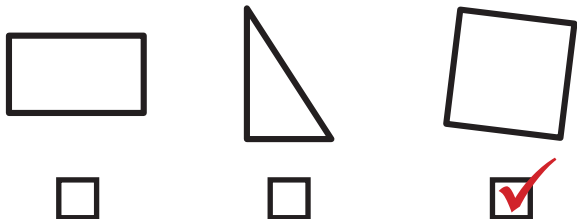
ATEBION

SAFE 6

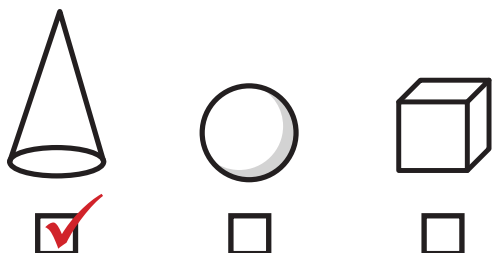
SET: 3

/10

1 Ticiwch y sgwâr



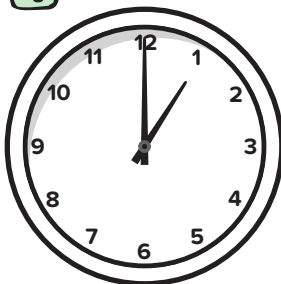
2 Ticiwch y côn



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 11c



4

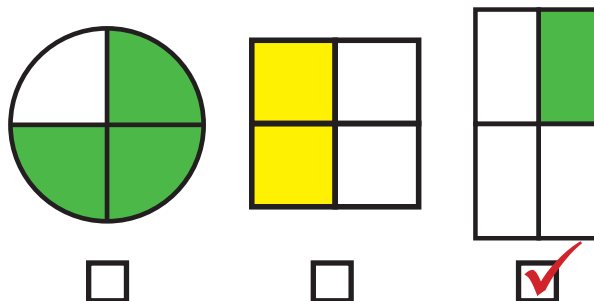


Un o'r gloch

Hanner awr wedi 7

Hanner awr wedi 2

5 Ticiwch un chwarter

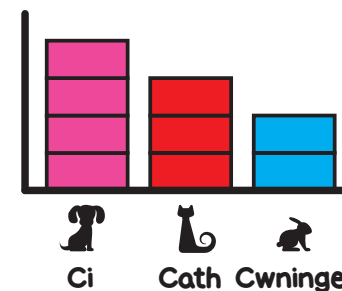


7

Ceir			
Faniau			
Beiciau			

Sawl fan? **12**

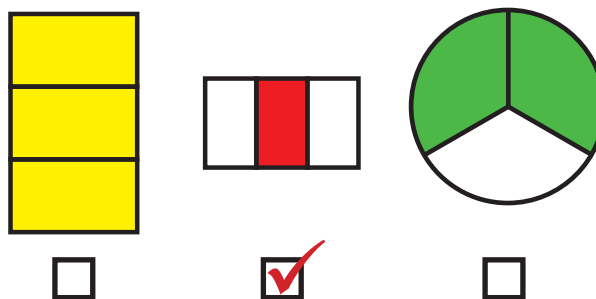
8



Sawl cwningen?

2

6 Ticiwch un traean



9 Ble mae'r odrif?

18 **41** 14 66

10

$$5 + \text{bicycle} = 10$$

$$\text{bicycle} = 5$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



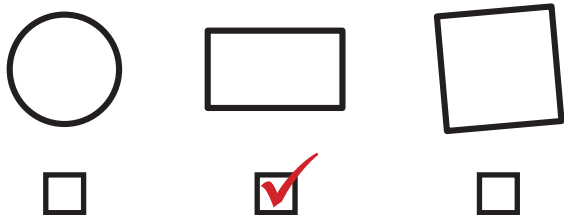
ATEBION

SAFE 6

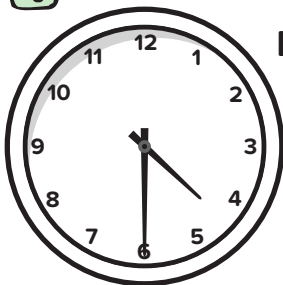
SET: 4

/10

1 Ticiwch y petryal



4



Hanner awr wedi 10

Naw o'r gloch

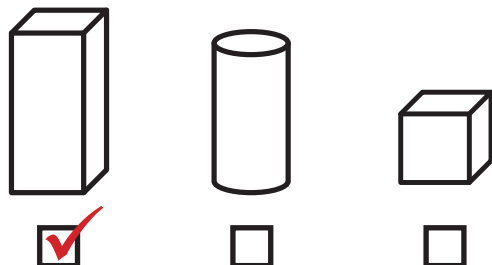
Hanner awr wedi 4

7

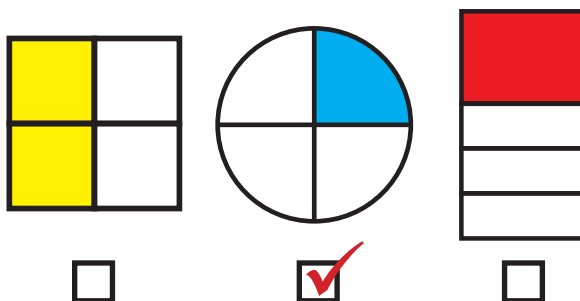
Peli		
Blociau		
Botymau		

Sawl pêl? **8**

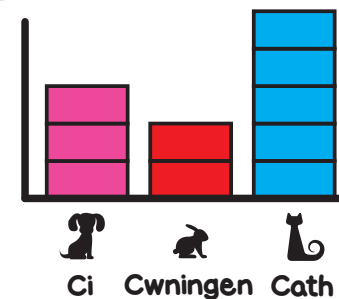
2 Ticiwch y ciwboid



5 Ticiwch un chwarter



8



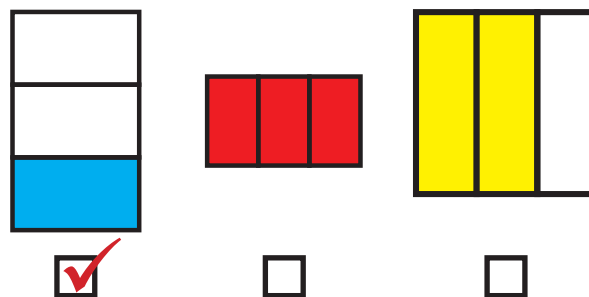
Sawl cwningen?

2

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 12c



6 Ticiwch un traean



9 Pa ddau rif sy'n dod nesaf?

16 18 20 **22 24**

10

$$8 + \text{car} = 10$$

$$\text{car} = 2$$

FY SGÔR DDIWETHAF?

YDW I WEDI EI GURO?



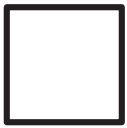
ATEBION

SAFE 6

SET: 5

/10

1 Ticiwch y sgwâr



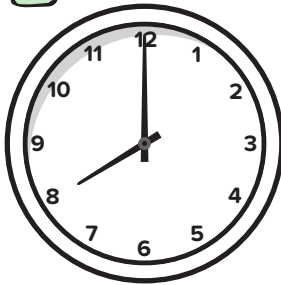
2 Ticiwch y côn



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 18c



4

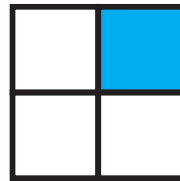
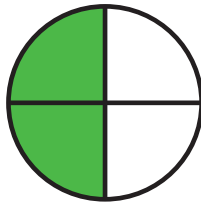


Wyth o'r gloch

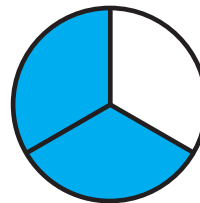
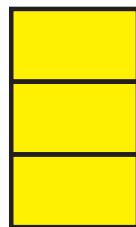
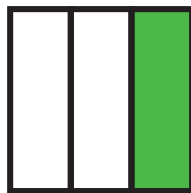
Hanner awr wedi 1

Hanner awr wedi 5

5 Ticiwch un chwarter



6 Ticiwch un traean



7



Beiciau



Ceir



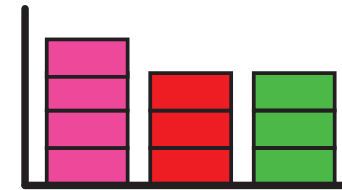
Faniau



Sawl beic?

11

8



Sawl car?

3



Ci



Car



Cath

9

Pa ddau rif sy'n dod nesaf?

61

63

65

67

69

10

$$1 + \text{car icon} = 10$$

$$\text{car icon} = 9$$



FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



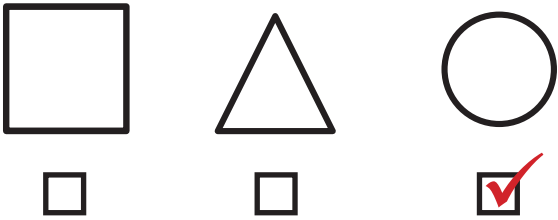
ATEBION

SAFE 6

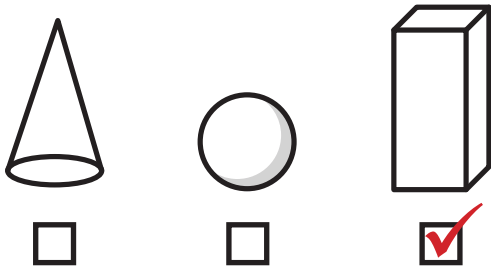
SET: 6

/10

1 Ticiwch y cylch



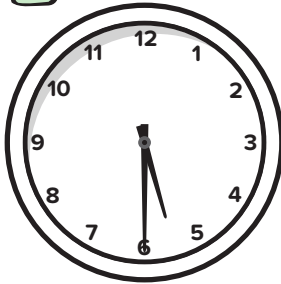
2 Ticiwch y ciwboid



3 Defnyddia'r nifer lleiaf o geiniogau i wneud 16c



4

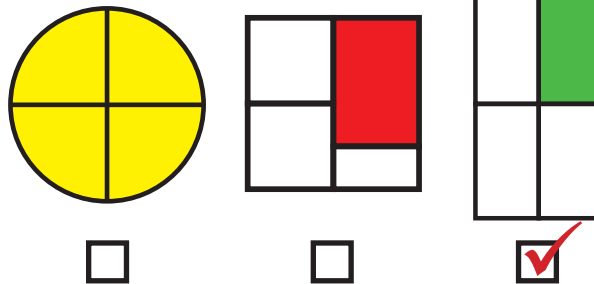


Chwech o'r gloch

Hanner awr wedi 2

Hanner awr wedi 5

5 Ticiwch un chwarter

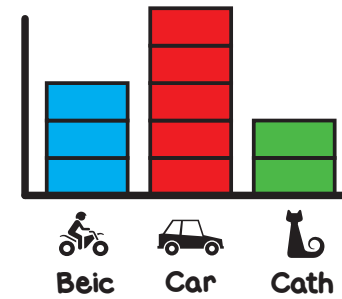


7

Peli	
Botymau	
Blociau	

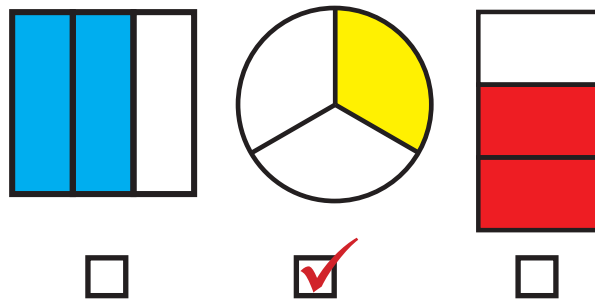
Sawl botwm? **8**

8



Sawl beic? **3**

6 Ticiwch un traean



9 Ble mae'r odrif?

27 36 44 82

10

$$9 + \text{😊} = 10$$

$$\text{😊} = 1$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



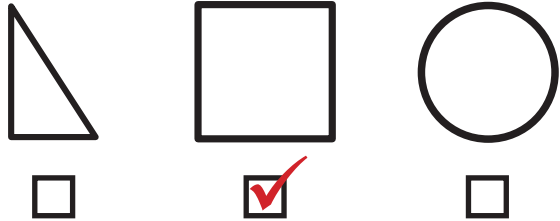
ATEBION

SAFE 6

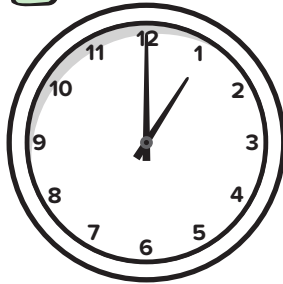
SET: 7

/10

1 Ticiwch y sgwâr



4



Un o'r gloch

Hanner awr wedi 7

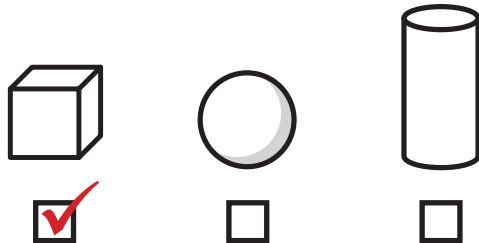
Hanner awr wedi 9

7

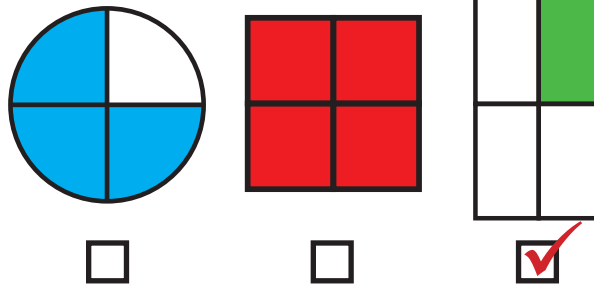
Ceir			
Faniau			
Beiciau			

Sawl car? **12**

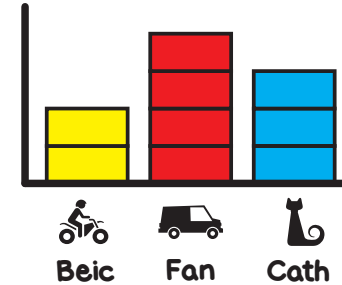
2 Ticiwch y ciwb



5 Ticiwch un chwarter



8



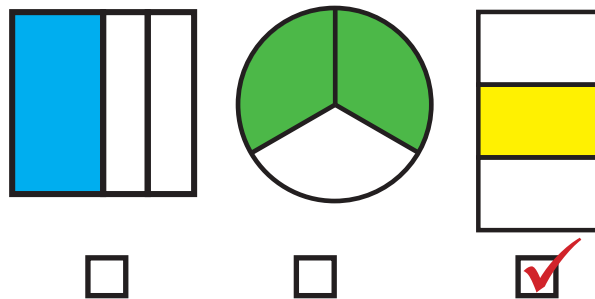
Sawl fan?

4

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 11c



6 Ticiwch un traean



9

Ble mae'r eilrif?

27 **26** 47 57

10

$$6 + \text{L} = 10$$

$$\text{L} = 4$$



FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



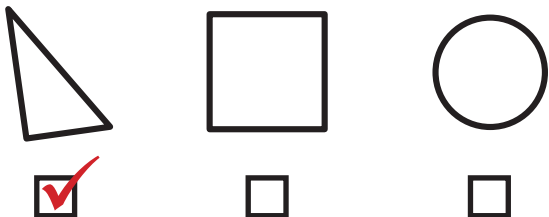
ATEBION

SAFE 6

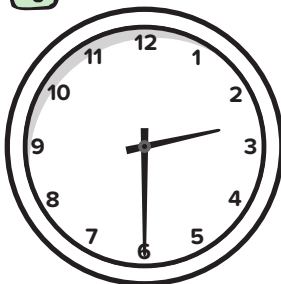
SET: 8

/10

1 Ticiwch y triongl



4



Dau o'r gloch

Hanner awr wedi 1

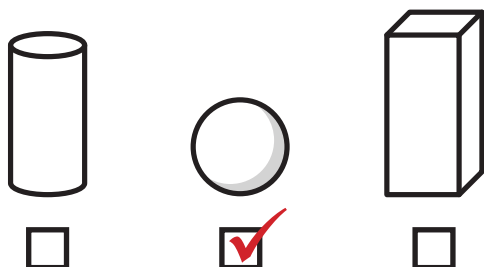
Hanner awr wedi 2

7

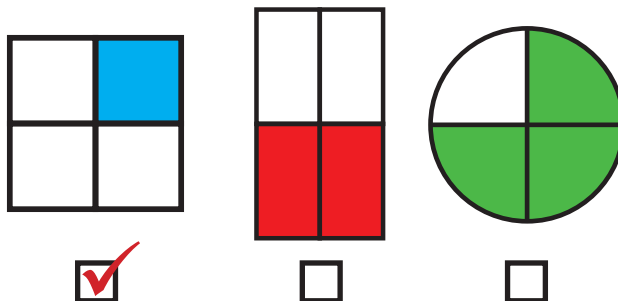
Botymau	
Blociau	////
Peli	////

Sawl bloc? **8**

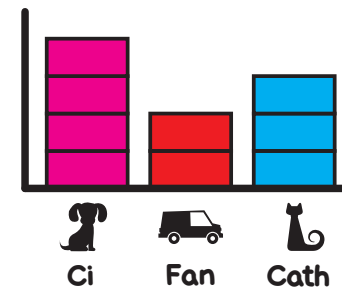
2 Ticiwch y sffêr



5 Ticiwch un chwarter



8



Sawl cath?

3

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c

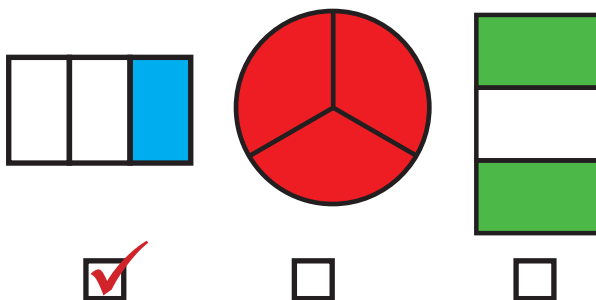


✓

✓

✓

6 Ticiwch un traean



9 Ble mae'r odrif?

24 **33** 96 72

10

$$5 + \text{dog} = 10$$

$$\text{dog} = 5$$

FY SGÔR DDIWETHAF?!

YDW I WEDI EI GURO?!



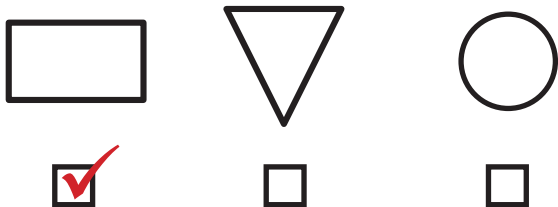
ATEBION

SAFE 6

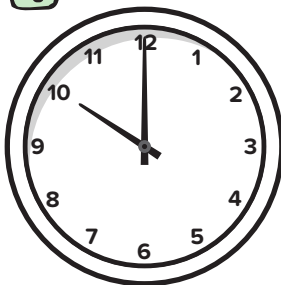
SET: 9

/10

1 Ticiwch y petryal



4






Deg o'r gloch

Hanner awr wedi 2

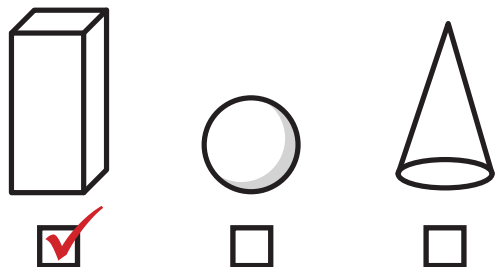
Hanner awr wedi 8

7

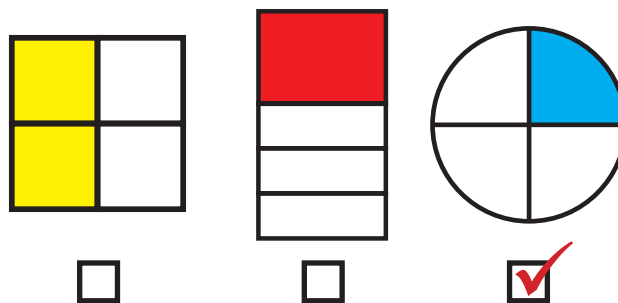
	Beiciau	
	Ceir	
	Faniau	

Sawl fan? **14**

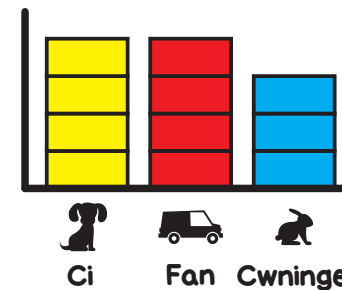
2 Ticiwch y ciwboid



5 Ticiwch un chwarter



8

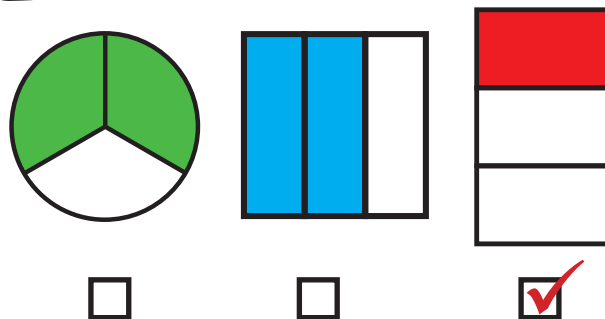


Sawl cwningen?
3

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 13c



6 Ticiwch un traean



9 Pa ddau rif sy'n dod nesaf?

30 32 34 36 38

10

$$2 + \text{dog} = 10$$

$$\text{dog} = 8$$

FY SGÔR DDIWETHAF?

YDW I WEDI EI GURO?



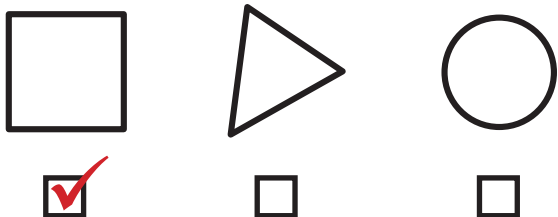
ATEBION

SAFE 6

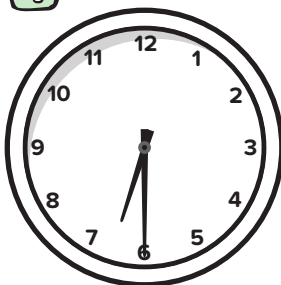
SET: 10

/10

1 Ticiwch y sgwâr



4



Tri o'r gloch

Hanner awr wedi 6

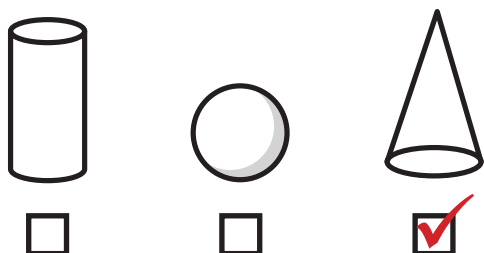
Hanner awr wedi 3

7

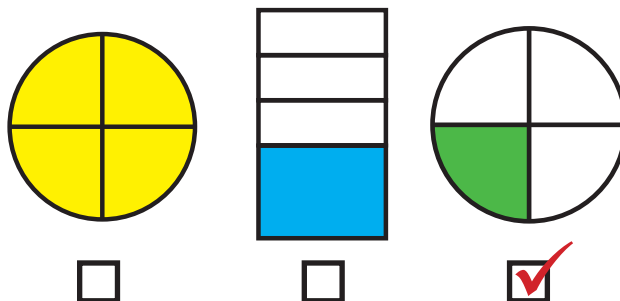
Blociau	
Botymau	////
Peli	////

Sawl pêl? **9**

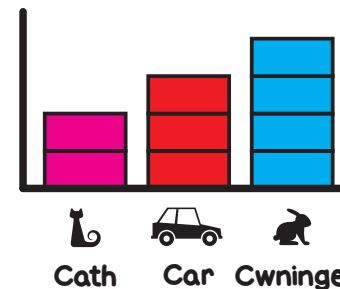
2 Ticiwch y côn



5 Ticiwch un chwarter



8



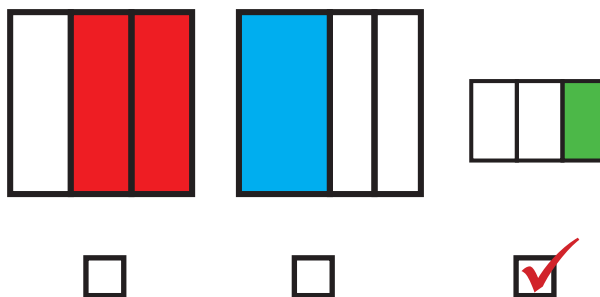
Sawl cath?

2

3 Defnyddia'r nifer lleiaf o geiniogau i wneud 17c



6 Ticiwch un traean



9 Pa ddau rif sy'n dod nesaf?

49 51 53 55 57

10

$7 + \text{😊} = 10$

$\text{😊} = 3$

FY SGÔR DDIWETHAF?

YDW I WEDI EI GURO?

