











Escape the Hut

Digit 1 Answers

									
2	4	8	6	1	0	5	9	3	7

Round this number to the nearest 10.



Find the digit sum of this answer.











The tens digit of the digit sum will give you the first number needed to escape the hut.

6945 rounded to the nearest 10 = 6950

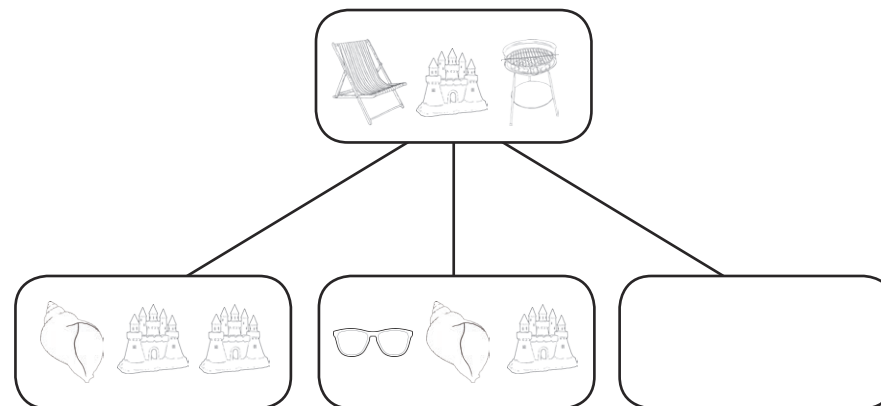
6 + 9 + 5 + 0 = 20 = 2

Escape the Hut

Digit 2 Answers

									
2	4	8	6	1	0	5	9	3	7

What is the missing number in this part-whole model?



Find the digit sum of this answer to reveal the second digit of the code needed to escape the hut.

803 = 500 + 250 + ?











803 - 750 = 53

500 + 250 = 750









5 + 3 = 8

Escape the Hut

Digit 3 Answers

									
2	4	8	6	1	0	5	9	3	7

Calculate the answer to this addition calculation:

				
+				











Add together the digits in the hundreds column and the ones column in the final answer. This will reveal the third digit of the code needed to escape the hut.

$$3427 + 5869 = 9296$$




$$2 + 6 = 8$$

Escape the Hut

Digit 4 Answers

									
2	4	8	6	1	0	5	9	3	7

Calculate the answer to this subtraction calculation:

				
-				











Add together the digits of this answer until you are left with one number. This will reveal the fourth digit of the number needed to escape the hut.

$$3709 - 847 = 2862$$

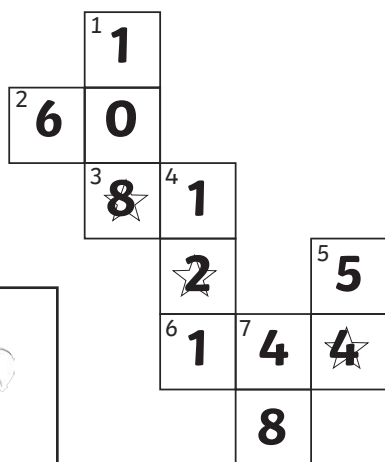
$$2 + 8 + 6 + 2 = 18 = 1 + 8 = 9$$

Escape the Hut













Digit 5 Answers

									
2	4	8	6	1	0	5	9	3	7










Solve the multiplication problems to complete the number cross.



Down:

-  x  = 
-  x  = 
-  x  = 
-  x  = 

Across:

-  x  = 
-  x  = 
-  x  = 

Add together the numbers in the stars.

Add together the digits in this answer until you are left with one digit. This will reveal the fifth digit of the number needed to escape the hut.

$$2 + 8 + 4 = 14$$

$$1 + 4 = 5$$

Escape the Hut

Digit 6 Answers

Find $\frac{2}{5}$ of the number of ice creams.



The answer to this question gives you the sixth digit of the number you need to escape the hut.

$$\frac{2}{5} \text{ of } 15 = 6$$

Escape the Hut

Digit 7 Answers

One sunny day, a café sells between 150 to 180 ice creams.

Counted in fours, there are two left over.

Counted in sevens, there are four left over.

How many ice creams did the café sell?



The tens digit of this answer is the seventh digit of the number you need to escape the hut.

$$158 \div 4 = 39 \text{ r } 2 \quad 158 \div 7 = 22 \text{ r } 4 \quad \text{Tens digit} = 5$$

Escape the Hut

Digit 8 Answers

Solve this number riddle by using inverse operations.



I collect some shells on the beach.

I multiply the number of shells I have by 5.

I then subtract 50,

and divide by 2.

I end with the number 70.


How many shells did I collect?


Add the digits of this answer together until you are left with one number. This will reveal the eighth digit of the number needed to escape the hut.

$$38 = 3 + 8 = 11 = 1 + 1 = 2$$

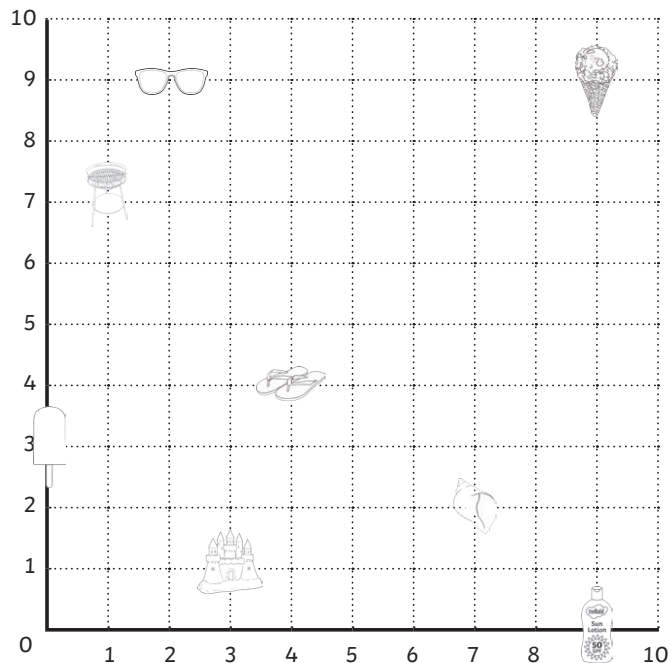
Escape the Hut

Digit 9 Answers

What is the coordinate position of the  ?

What is the coordinate position of the  ?

Add together the first number (x-axis position) in each coordinate answer.



This is the ninth digit of the number you need to escape the hut.

$$\text{Sea shell} = (7, 2) \quad \text{BBQ} = (1, 7)$$

$$7 + 1 = 8$$

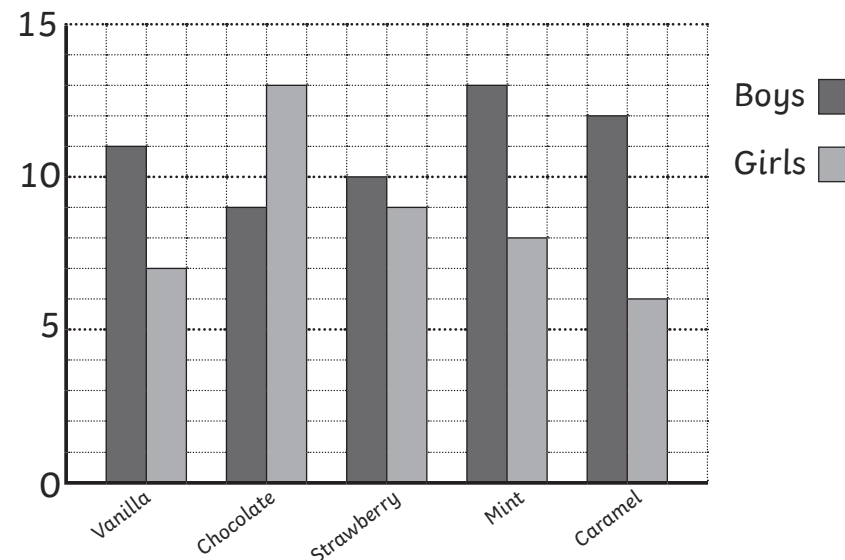
Escape the Hut

Digit 10 Answers

How many boys voted for chocolate or mint as their favourite flavour of ice cream? **22**

How many girls voted for vanilla or caramel as their favourite flavour of ice cream? **13**

A Bar Chart to Show Favourite Flavours of Ice Cream



Add together the answers to each question. Find the digit sum of this total. This is the tenth digit of the number you need to escape the hut.

$$22 + 13 = 35$$

$$3 + 5 = 8$$