Learning Objective:	Tally Tables	Name:	
		Date:	

Do NOW Activity:

1   Work out £15.50 - £6.85

2   Evaluate 3^3

3   Solve $3x - 10 = 23$

4   Round 954 correct to 1 significant figure

5   Work out -6 - 6

PRIOR KNOWLEDGE CHECK:
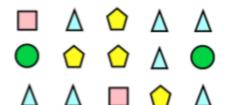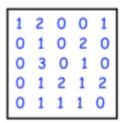1. I can find multiples and factors

THE MAIN EVENT

WORKED EXAMPLE #1:

James asked his friends their favourite colour.

Green	Blue	Red	Green	Blue	Blue
Green	Red	Blue	White	Blue	Green
Red	Green	Blue	Red	Blue	Green

(a) Complete the frequency table for his results.

Colour	Tally	Frequency
Blue	~~IIII~~ II	7
White	I	1
Red	IIII	4
Green	~~IIII~~ I	6

Mark off each item to ensure you have counted it.

Sophie asks 20 of her friends to choose their favourite sport.

Their replies are

Rugby	Football	Rugby	Hockey	Cricket
Football	Football	Rugby	Hockey	Football
Rugby	Cricket	Hockey	Football	Football
Football	Rugby	Football	Football	Rugby

Mark off each item to ensure you have counted it.

(a) Complete the tally and the frequency columns in the table !

Sport	Tally	Frequency
Rugby	~~IIII~~ I	6
Football	~~IIII~~ IIII	9
Hockey	III	3
Cricket	II	2

PRACTICE #1:

Question 1:   Copy and complete the tally chart

Shape	Tally	Frequency
Circle		
Pentagon		
Square		
Triangle		

Question 2:   Dara has recorded how many tries he scored in 25 rugby matches
Copy and complete the tally chart

1	2	0	0	1
0	1	0	2	0
0	3	0	1	0
0	1	2	1	2
0	1	1	1	0

Number of tries	Tally	Frequency
0		
1		
2		
3		

Question 3: Isabelle is creating a tally chart.
Complete the tally chart for her.

Day	Tally	Frequency
Monday	ⲙⲏⲧ ⲙⲏⲧ II	12
Tuesday	III	
Wednesday		7
Thursday	ⲙⲏⲧ ⲙⲏⲧ ⲙⲏⲧ IIII	
Friday		10

Question 4: Jessica rolls a dice 30 times and records the scores.

(a) Draw a tally chart to show her results

(b) Which score was the most common?

(c) Do you think the dice was fair?

6	1	2	3	2	1	5	1	4	1
1	4	1	6	6	5	1	2	3	1
1	3	2	3	2	1	1	6	1	1

Question 5: Danielle asked 50 people how they travelled to school.
The tally chart below shows her results.

	Tally	Frequency
Walk	ⲙⲏⲧ ⲙⲏⲧ ⲙⲏⲧ II	
Bus	ⲙⲏⲧ ⲙⲏⲧ ⲙⲏⲧ ⲙⲏⲧ I	
Cycle	III	
Car	ⲙⲏⲧ IIII	

(a) Copy and complete the tally chart

(b) Which method of travel was the most popular?

(c) Danielle says twice as many people walked than travelled by car.
Is Danielle right?

APPLICATION

Question 1: Each student at a school studies one language.
The tally chart shows the languages that a group of 20 students study.

(a) What percentage of the students study Spanish?

(b) What fraction of the students study French?

A student is selected at random.

(c) What is the probability that the student studies German?

Language	Tally
French	IIII
German	ⲙⲏⲧ IIII
Latin	II
Spanish	ⲙⲏⲧ

Question 2: Orla organises a charity film showing. The tally chart shows the tickets sold.

An adult ticket costs £6.
The price of a child ticket is half the price of an adult ticket.
Pensioners pay £1 less than adults.

Group	Tally
Children	ⲙⲏⲧ ⲙⲏⲧ ⲙⲏⲧ II
Adults	ⲙⲏⲧ ⲙⲏⲧ I
Pensioners	III

How much money did Orla raise for charity?