



Name: _____



Calculate the frequencies from the tally charts given in these tables:

a)

Travel	Tally	Frequency
Train		12
Bus		8
Car		4
Walk		10

b)

Colour	Tally	Frequency
Green		9
White		6
Blue		4
Red		8

c)

Goals	Tally	Frequency
0		9
1		7
2		4
3		16

Complete the tally charts using the data given to calculate the frequencies:

d) Green, Blue, Red, Red, Red, Blue, Red, Green, Red, Green, Red, Red, Red, Blue, Green, Red, Green, Blue, Blue, Red, Red, Blue, Green, Blue, Red, Red, Green

Travel	Tally	Frequency
Red		13
Blue		7
Green		7

e) 5, 6, 7, 7, 5, 7, 8, 5, 5, 7, 6, 6, 6, 7, 5, 8, 7, 5, 8, 6, 5, 8, 7, 6, 5, 8, 6, 6, 5, 8, 6, 7, 8, 6, 6, 5, 5, 6, 7, 7, 8, 6, 6, 5, 7, 7, 5

Travel	Tally	Frequency
5		14
6		14
7		13
8		9

Complete the tally charts using the data given to calculate the grouped frequencies:

f) 2, 3, 3, 4, 4, 1, 6, 5, 3, 1, 3, 2, 4, 5, 3, 0, 4, 2, 6, 5, 2, 4, 6, 7, 3, 6, 5, 6, 5, 0, 1, 2, 4, 3, 2, 1, 0, 3, 2, 4, 0, 2, 3, 1, 4, 5, 2, 3, 5

Goals	Tally	Frequency
0 – 1		9
2 – 3		19
4 – 5		15
6 – 7		6

g) 25, 53, 44, 30, 36, 44, 18, 8, 22, 40, 25, 18, 55, 31, 15, 29, 50, 9, 54, 10, 45, 46, 17, 20, 44, 52, 39, 50, 14, 16, 35, 28, 35, 45, 50, 49, 28, 16, 15, 36, 41, 60, 24

Time (s)	Tally	Frequency
$0 < a \leq 10$		3
$10 < a \leq 20$		9
$20 < a \leq 30$		8
$30 < a \leq 40$		7
$40 < a \leq 50$		11
$50 < a \leq 60$		5

h) 152, 153, 144, 160, 162, 164, 172, 148, 152, 149, 153, 178, 155, 161, 155, 171, 175, 169, 148, 170, 161, 170, 165, 172, 145, 155, 158, 164, 172, 176, 141, 148

Height (cm)	Tally	Frequency
$140 < h \leq 150$		7
$150 < h \leq 160$		9
$160 < h \leq 170$		9
$170 < h \leq 180$		7

Exam question:

36 students recorded the number of people living in their household. Here are the results:

2, 5, 6, 4, 3, 4, 5, 5, 7, 5, 3, 4, 4, 3, 3, 5, 4, 3, 4, 5, 3, 4, 4, 4, 5, 5, 4, 2, 3, 4, 3, 4, 3, 4, 3, 5

Complete the frequency table to show these results.

People	Tally	Frequency
2		2
3		10
4		13
5		9
6		1
7		1

