

Work out the missing number	How many teams scored more	Express 96 out of 400 as a
75 + 13 + ?? = 140	than 3 goals?	percentage
	TeamNo. of goalsA3B5C4D2	

The table shows the number of brothers and sisters of the students in year 7.

What percentage of students have more than 1 brother or sister?

Year 7 Male students

Year 7 Female students

1	2	3	4	
62		8		104
	24	14		
118			6	200

Number of brothers and sisters



Work out the missing number 75 + 13 + ?? = 140 52	How many tea than 3 goals? Team No. of goals A 3 B 5 C 4 D 2	ms scored w 2 <b>teams</b>		Express 96 percentage	out of 4	00 as a
The table shows the numbe What percentage of student					s in yea	ır 7.
	Nu	mber of br	rothers	and sisters		
	1	2	3	4		
Year 7 Male students	62	30	8	4	104	
Year 7 Female students	56	24	14	2	96	
	118	54	22	6	200	
54+22+6 =	82 students	;			41%	

## PROBLEM 3A

The table shows the sports chosen by 400 students at a college. What percentage of the students are female who chose either cricket or tennis?

	Cricket	Football	Tennis	Athletics	
Male	44		52		210
Female		52		34	
	100			80	

### PROBLEM 3A

The table shows the sports chosen by 400 students at a college. What percentage of the students are female who chose either cricket or tennis?

	Cricket	Football	Tennis	Athletics	
Male	44	68	52	46	210
Female	56	52	48	34	190
	100	120	100	80	400
56 + 48 = 104 104 ÷ 400 × 100 = 26%					

The table shows the subjects studied by 150 students. What percentage of the students studied art or history?

	History	Art	Technology	
Group A	6		24	45
Group B		18	15	54
Group C	18		3	
				150

### PROBLEM 3B

The table shows the subjects studied by 150 students. What percentage of the students studied art or history?

	History	Art	Technology	
Group A	6	15	24	45
Group B	21	18	15	54
Group C	18	30	3	51
	45	63	42	150

45 + 63 = 108 108 ÷ 150 × 100 = 72%

### PROBLEM 3C

The table shows the TV programmes watched by 800 students. What percentage of the students are in Year 8 or 9 and chose Sport?

	Year 7	Year 8	Year 9	Year 10	
Soaps		48	80	96	
Sport	120		84		
Films		38	46	20	176
	220			180	

### PROBLEM 3C

The table shows the TV programmes watched by 800 students. What percentage of the students are in Year 8 or 9 and chose Sport?

	Year 7	Year 8	Year 9	Year 10			
Soaps	28	48	80	96	252		
Sport	120	104	84	64	372		
Films	72	38	46	20	176		
	220	190	210	180	800		
104 + 84 = 188 188 ÷ 800 × 100 = 23.5%							

# PROBLEM 3D

The table shows the visitor to an attraction over a bank holiday weekend. What percentage of the visitors are adults who visited on Friday or Monday?

	Friday	Saturday	Sunday	Monday	
Juniors	35	225	125	235	
Adults	40		55		280
Seniors		15		20	100
	125	320			

# PROBLEM 3D

The table shows the visitor to an attraction over a bank holiday weekend. What percentage of the visitors are adults who visited on Friday or Monday?

	Friday	Saturday	Sunday	Monday	
Juniors	35	225	125	235	620
Adults	40	80	55	105	280
Seniors	50	15	15	20	100
	125	320	195	360	1000

40 + 105 = 145 145 ÷ 1000 × 100 = 14.5%

#### Problem 3A

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	52		34	
100			80	
_		52	52	52 34

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#### Problem 3D

**PROBLEM 3B** 

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