Name	
Form	
Teacher	

Maths Homework Booklet Year 9 Autumn 2 Set 4,5

Topic	Score achieved	Sparx %
1. Factors and multiples	/10	%
2. Prime numbers	/10	%
3. Money adding and subtracting	/10	%
4. Money problems	/10	%
5. Simple interest	/10	%
6. Revision	/10	%



- 1 List the factors of 60
- 2 List the factors of 28
- 3 List the factors of 36
- 4 List the factors of 77
- 5 List the factors of 77
- 6 List the first 8 multiples of 18
- 7 List the multiples of 7 betweeen 43 and 76
- 8 What is the 6th multiple of 12?
- 9 What is the 7th multiple of 10?
- 10 What is the 3rd multiple of 10?

Sparx – Homework Answers		



- 1 List the prime numbers between 22 and 38
- 2 List the prime numbers between 28 and 48
- 3 List the prime numbers between 58 and 74
- 4 List the prime numbers between 18 and 38
- 5 List the prime numbers between 66 and 90
- 6 List the prime numbers between 40 and 60
- 7 List the prime numbers between 70 and 90
- 8 List the prime numbers between 36 and 54
- 9 List the prime numbers between 16 and 30
- 10 List the prime numbers between 22 and 38

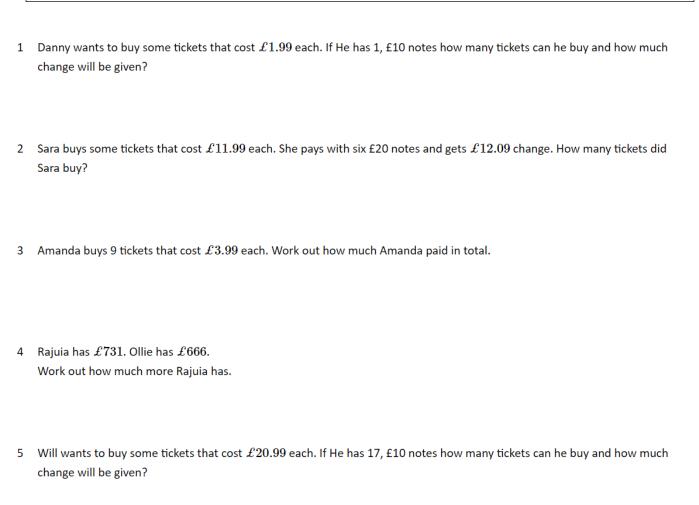
Sparx – Homework Answers		



- \circ Work out £77.99 + £73.99
- 2 Work out £75.75 + £22.49
- 3 Work out £28.25 + £27.49
- 4 Work out £52.75 + £42.75
- 5 Work out £66.75 + £14.25
- 6 Work out £75.49 £57.25
- 7 Work out £54.25 £10.49
- 8 Work out $\pounds 44.25 \pounds 25.75$
- 9 Work out £57.25 £52.25
- 10 Work out £72.49 £52.49

Sparx – Homework Answers		





Sparx – Homework Answers		



- $\pounds 1000$ is invested for 2 years in an account paying 3% simple interest per year. How much will be in the account at the end of 2 years?
- 2 £6000 is invested for 3 years in an account paying 6% simple interest per year. How much will be in the account at the end of 3 years?
- £1500 is invested for 4 years in an account paying 5% simple interest per year. How much will be in the account at the end of 4 years?
- 2500 is invested for 4 years in an account paying 7% simple interest per year. How much will be in the account at the end of 4 years?
- $\pounds 1000$ is invested for 2 years in an account paying 5% simple interest per year. How much will be in the account at the end of 2 years?

Sparx – Homework Answers		



- 1 Work out 8071 + 3145
- 2 Calculate 0.334×1000
- 3 Work out $\frac{2}{3} \frac{2}{5}$
- 4 Calculate $1788 \div 6$
- 5 Calculate 140×10
- 6 Calculate $\frac{1}{3}$ of $\pounds 45$
- 7 Calculate 5(7-5)+6
- 8 Calculate 35% of £220
- 9 What is the time 20 minutes after 1.15?
- 10 Solve 7x + 8 = 57

Sparx – Homework Answers		