

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	%



Week 1

- 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 between 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



Week 2

- 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



Week 3

1 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 $£44.25 - £25.75$

9 Work out $£57.25 - £52.25$

10 Work out $£72.49 - £52.49$

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Week 4

- 1 Danny wants to buy some tickets that cost £1.99 each. If He has 1, £10 notes how many tickets can he buy and how much change will be given?
- 2 Sara buys some tickets that cost £11.99 each. She pays with six £20 notes and gets £12.09 change. How many tickets did Sara buy?
- 3 Amanda buys 9 tickets that cost £3.99 each. Work out how much Amanda paid in total.
- 4 Rajuia has £731. Ollie has £666.
Work out how much more Rajuia has.
- 5 Will wants to buy some tickets that cost £20.99 each. If He has 17, £10 notes how many tickets can he buy and how much change will be given?

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Week 5

- 1 $\pounds 1000$ 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 $\pounds 6000$ 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?
- 3 $\pounds 1500$ 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?
- 4 $\pounds 2500$ 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?
- 5 $\pounds 1000$ 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



Week 6

- 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 £45
- 7 Calculate $5(7 - 5) + 6$
- 8 Calculate 35% of £220
- 9 What is the time 20 minutes after 1.15 ?
- 10 Solve $7x + 8 = 57$

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