

Name	
Form	
Teacher	

**Maths**

**Homework Booklet**

**Year 7 Spring 1**

**Set 4,5**

Topic	Score achieved	Sparx %
1. Fractions of amounts	/12	%
2. Percentages of amounts	/16	%
3. Adding and subtracting	/16	%
4. Multiplying	/15	%
5. Dividing	/12	%
6. Mixed revision	/10	%



## Week 1

(a)  $\frac{1}{2}$  of 10

(b)  $\frac{1}{3}$  of 18

(c)  $\frac{1}{5}$  of 20

(d)  $\frac{1}{4}$  of 24

(e)  $\frac{1}{9}$  of 27

(f)  $\frac{1}{10}$  of 160

(g)  $\frac{1}{8}$  of 80

(h)  $\frac{1}{7}$  of 49

(i)  $\frac{1}{2}$  of 9

(j)  $\frac{1}{5}$  of 65

(k)  $\frac{1}{12}$  of 72

(l)  $\frac{1}{11}$  of 132

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## Week 2

Question 1: Work out the following

- |                 |                       |                    |                   |
|-----------------|-----------------------|--------------------|-------------------|
| (a) 10% of 70m  | (b) 25% of 16 seconds | (c) 10% of 400kg   | (d) 50% of 26g    |
| (e) 75% of 40ml | (f) 1% of £300        | (g) 25% of 36 days | (h) 50% of 9 days |
| (i) 75% of 24p  | (j) 25% of £18        | (k) 1% of \$6300   | (l) 10% of £7     |
| (m) 1% of 60m   | (n) 75% of 8 miles    | (o) 1% of 80kg     | (p) 50% of 1.6km  |

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## Week 3

Question 1: Work out the answers to the following additions

- (a)  $51 + 37$                       (b)  $27 + 21$                       (c)  $37 + 44$                       (d)  $84 + 19$   
(e)  $48 + 48$                       (f)  $39 + 21 + 43$                       (g)  $75 + 56$                       (h)  $93 + 84$

Question 2: Work out these additions

- (a)  $123 + 564$                       (b)  $557 + 61$                       (c)  $839 + 152$                       (d)  $357 + 368$   
(e)  $940 + 346$                       (f)  $382 + 121 + 85$                       (g)  $948 + 253$                       (h)  $777 + 444$

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## Week 4

(a)  $32 \times 3$

(b)  $15 \times 5$

(c)  $23 \times 4$

(d)  $19 \times 3$

(e)  $47 \times 2$

(f)  $6 \times 21$

(g)  $35 \times 5$

(h)  $59 \times 4$

(i)  $7 \times 28$

(j)  $62 \times 6$

(k)  $74 \times 5$

(l)  $53 \times 9$

(m)  $7 \times 66$

(n)  $83 \times 8$

(o)  $96 \times 9$



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## Week 5

(a)  $84 \div 4$

(b)  $52 \div 2$

(c)  $72 \div 3$

(d)  $75 \div 5$

(e)  $54 \div 3$

(f)  $68 \div 4$

(g)  $90 \div 5$

(h)  $84 \div 6$

(i)  $91 \div 7$

(j)  $81 \div 3$

(k)  $87 \div 3$

(l)  $92 \div 4$

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## Week 6

- 1 Write down the value of the underlined digit 649655
- 2 List the factors of 146
- 3 Work out  $4000 \times 10$
- 4 Simplify :  $\frac{72}{81} =$
- 5 Work out 50% of £520
- 6 Round 655 to the nearest 100
- 7 Work out  $144 \times 6$
- 8 Simplify  $3p - 2q + 5p - 2q$
- 9 Work out  $955 + 9805$
- 10 Work out  $7 \times 3 + 4 \times 7$

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