

Name	
Form	
Teacher	

Maths

Homework Booklet

Year 7 Spring 1

Set P,1,2,3

Topic	Score achieved	Sparx %
1. Fractions of amounts	/20	%
2. Percentages of amounts	/32	%
3. Adding and subtracting	/27	%
4. Multiplying	/20	%
5. Dividing	/12	%
6. Mixed revision	/10	%



Week 1

(a) $\frac{2}{3}$ of 15

(b) $\frac{7}{10}$ of 20

(c) $\frac{2}{5}$ of 30

(d) $\frac{3}{4}$ of 32

(e) $\frac{3}{5}$ of 45

(f) $\frac{2}{7}$ of 28

(g) $\frac{3}{8}$ of 88

(h) $\frac{3}{10}$ of 120

(i) $\frac{5}{9}$ of 63

(j) $\frac{13}{20}$ of 60

(k) $\frac{2}{7}$ of 91

(l) $\frac{4}{15}$ of 120

(a) $\frac{3}{10}$ of 32 miles

(b) $\frac{2}{5}$ of 9kg

(c) $\frac{1}{3}$ of 8 litres

(d) $\frac{3}{5}$ of £7

(e) $\frac{1}{8}$ of 50cm

(f) $\frac{1}{5}$ of 4931km

(g) $\frac{3}{4}$ of £57

(h) $\frac{2}{9}$ of 211km

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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 |

Question 2: Work out the following

- | | | | |
|------------------|-----------------------|---------------------|------------------|
| (a) 20% of 30km | (b) 5% of £60 | (c) 2% of 600m | (d) 30% of 70p |
| (e) 3% of \$9000 | (f) 40% of 75 seconds | (g) 15% of 90 hours | (h) 5% of 14kg |
| (i) 60% of 30km | (j) 30% of £40 | (k) 70% of 900cm | (l) 20% of 13cm |
| (m) 11% of 420m | (n) 26% of 4000m | (o) 55% of £8 | (p) 15% of 340kg |

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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) $777 + 444$

Question 3: Complete these additions

(a) $4854 + 1162$ (b) $4611 + 3270$ (c) $5792 + 4437$ (d) $4780 + 1590$

(e) $939 + 1103$ (f) $2385 + 5584$ (g) $8888 + 4424$ (h) $5118 + 3054 + 1112$

Question 4: Work out

(a) $48832 + 14503$ (b) $39104 + 22934$ (c) $8383 + 11385 + 7673 + 711$

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Week 4

(a) 223×2

(b) 132×3

(c) 124×4

(d) 5×135

(e) 403×6

(f) 263×6

(g) 365×7

(h) 308×9

(i) 6×555

(j) 758×4

(k) 642×8

(l) 383×7

(m) 798×9

(n) 1294×5

(o) 2074×6

(p) 8×4868

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Week 5

- | | | | | | | | |
|-----|---------------|-----|---------------|-----|----------------|-----|----------------|
| (a) | $2735 \div 5$ | (b) | $3312 \div 4$ | (c) | $2664 \div 3$ | (d) | $6540 \div 5$ |
| (e) | $3360 \div 7$ | (f) | $4902 \div 6$ | (g) | $7128 \div 9$ | (h) | $9020 \div 5$ |
| (i) | $8208 \div 8$ | (j) | $7500 \div 6$ | (k) | $15462 \div 3$ | (l) | $24353 \div 7$ |

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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 4000×10
- 4 Simplify : $\frac{72}{81} =$
- 5 Work out 50% of £520
- 6 Round 655 to the nearest 100
- 7 Work out 144×6
- 8 Simplify $3p - 2q + 5p - 2q$
- 9 Work out $955 + 9805$
- 10 Work out $7 \times 3 + 4 \times 7$

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