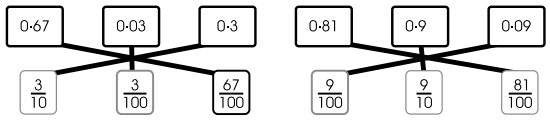
Maths Builder Year 4 Answers

4:NA42C Decimals and fractions

(Consolidation)

1



2 **a** $\frac{45}{100}$, 0·45 **b** $\frac{66}{100}$, 0·66
c $\frac{32}{100}$, 0·32 **d** $\frac{3}{100}$, 0·03
e $\frac{1}{10}$, 0·1 **f** $\frac{5}{10}$, 0·5
g $\frac{3}{10}$, 0·3 **h** $\frac{8}{10}$, 0·8

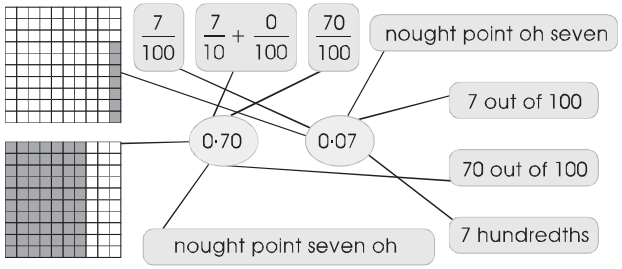
3 **a** 0·37 **b** 0·44 **c** 0·16 **d** 0·75
e 0·4 **f** 0·2 **g** 0·6 **h** 0·9

4 **a** $\frac{26}{100}$ **b** $\frac{74}{100}$ **c** $\frac{2}{10}$ **d** $\frac{2}{100}$
e $\frac{6}{100}$ **f** $\frac{1}{100}$ **g** $\frac{5}{10}$ **h** $\frac{7}{10}$

4:NA43 Decimals and fractions

(page 43)

1



2 **a** 4 out of 100, $\frac{4}{100}$, 0·04.
b 8 out of 100, $\frac{8}{100}$, 0·08.
c 7 out of 100, $\frac{7}{100}$, 0·07.

3 **a** 0·01 **b** 0·08

4 **a** $\frac{4}{100}$ **b** $\frac{1}{100}$ **c** $\frac{9}{100}$ **d** $\frac{40}{100}$

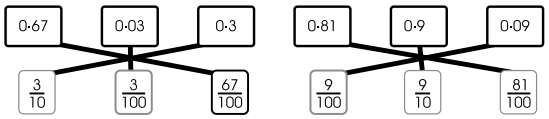
5 **a** 0·03 **b** 0·08
c 0·02 **d** 0·30 (or 0·3)

4:NA43C Decimals and fractions

(Consolidation)

These are the same as 4:NA42C.

1



2 **a** $\frac{45}{100}$, 0·45 **b** $\frac{66}{100}$, 0·66
c $\frac{32}{100}$, 0·32 **d** $\frac{3}{100}$, 0·03
e $\frac{1}{10}$, 0·1 **f** $\frac{5}{10}$, 0·5
g $\frac{3}{10}$, 0·3 **h** $\frac{8}{10}$, 0·8

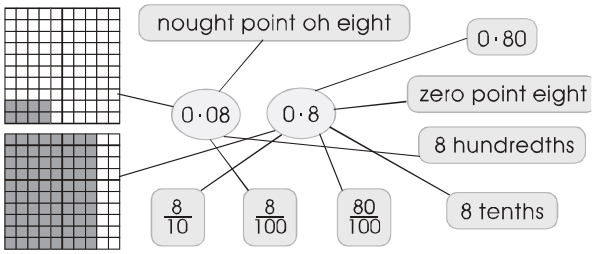
3 **a** 0·37 **b** 0·44 **c** 0·16 **d** 0·75
e 0·4 **f** 0·2 **g** 0·6 **h** 0·9

4 **a** $\frac{26}{100}$ **b** $\frac{74}{100}$ **c** $\frac{2}{10}$ **d** $\frac{2}{100}$
e $\frac{6}{100}$ **f** $\frac{1}{100}$ **g** $\frac{5}{10}$ **h** $\frac{7}{10}$

4:NA44 Decimals and fractions

(page 44)

1



2 **a** 3 out of 10, $\frac{3}{10}$ or 0·3
b 5 out of 10, $\frac{5}{10}$ or 0·5
c 9 out of 10, $\frac{9}{10}$ or 0·9

3 **a** $\frac{2}{10}$ **b** $\frac{8}{10}$ **c** $\frac{6}{10}$ **d** $\frac{3}{10}$

4 **a** 0·4 **b** 0·5 **c** 0·1 **d** 0·7

5 **a** T **b** F **c** F **d** T
e T **f** F **g** T **h** F

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Maths Builder Year 4 Answers

4:NA44C Decimals and fractions

(Consolidation)

1 a $\frac{1}{100}$, $\frac{0}{10} + \frac{1}{100}$, 0 tenths 1 hundredths,

ones	tenths	hundredths	
0	0	1	0 · 01

b $\frac{3}{100}$, $\frac{0}{10} + \frac{3}{100}$, 0 tenths 3 hundredths,

ones	tenths	hundredths	
0	0	3	0 · 03

c $\frac{7}{100}$, $\frac{0}{10} + \frac{7}{100}$, 0 tenths 7 hundredths,

ones	tenths	hundredths	
0	0	7	0 · 07

d $\frac{4}{100}$, $\frac{0}{10} + \frac{4}{100}$, 0 tenths 4 hundredths,

ones	tenths	hundredths	
0	0	4	0 · 04

e $\frac{2}{100}$, $\frac{0}{10} + \frac{2}{100}$, 0 tenths 2 hundredths,

ones	tenths	hundredths	
0	0	2	0 · 02

f $\frac{8}{100}$, $\frac{0}{10} + \frac{8}{100}$, 0 tenths 8 hundredths,

ones	tenths	hundredths	
0	0	8	0 · 08

2 **a** 0·03 **b** 0·05 **c** 0·08 **d** 0·06
e 0·04 **f** 0·07 **g** 0·01 **h** 0·09
i 0·13 **j** 0·23 **k** 0·50 or 0·5
l 0·34 **m** 0·71 **n** 0·49 **o** 0·99
p 0·86

4:NA45 Connecting decimals/fractions

(page 45)

1 a $\frac{3}{10} = 3 \div 10 = 0{\cdot}3$
b $\frac{6}{10} = 6 \div 10 = 0{\cdot}6$
c $\frac{9}{10} = 9 \div 10 = 0{\cdot}9$
d $\frac{4}{10} = 4 \div 10 = 0{\cdot}4$

2 Complete the number line.

0 $\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$

0 0·1 0·2 0·3 0·4 0·5 0·6 0·7 0·8 0·9 1

3 a $\frac{1}{100} = 1 \div 100 = 0{\cdot}01$
b $\frac{5}{100} = 5 \div 100 = 0{\cdot}05$
c $\frac{8}{100} = 8 \div 100 = 0{\cdot}08$
d $\frac{7}{100} = 7 \div 100 = 0{\cdot}07$

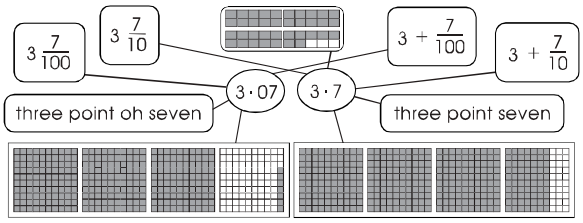
4 0 $\frac{1}{100}$ $\frac{2}{100}$ $\frac{3}{100}$ $\frac{4}{100}$ $\frac{5}{100}$ $\frac{6}{100}$ $\frac{7}{100}$ $\frac{8}{100}$ $\frac{9}{100}$ $\frac{10}{100}$ $\frac{11}{100}$

0 0·01 0·02 0·03 0·04 0·05 0·06 0·07 0·08 0·09 0·1 0·11
or 0·10

4:NA46 Decimals greater than one

(page 46)

1



2 **a** 3·43 **b** 3·7 **c** 2·2 **d** 3·9
e 3·51 **f** 8·3 **g** 2·07 **h** 7·5
i 5·03 **j** 15·9 **k** 6·1 or 6·10 **l** 10·1

3 **a** $6\frac{5}{10}$ or $6\frac{1}{2}$ **b** $1\frac{23}{100}$ **c** $10\frac{7}{10}$
d $23\frac{4}{10}$ **e** $11\frac{75}{100}$ or $11\frac{3}{4}$

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4:NA47 Decimals and money

(page 47)

1 a

b

2 a $14.80 **b** $1.01 **c** $0.39
d $47.05 **e** $9.67 **f** $2.37

3 a

Cents	Fraction of one dollar	Decimal of one dollar	Dollars
57c	$\frac{57}{100}$	0·57	$0.57
16c	$\frac{16}{100}$	0·16	$0.16
5c	$\frac{5}{100}$	0·05	$0.05

b

Cents	Mixed number (in $)	Dollars
357c	3\frac{57}{100}$	$3.57
105c	1\frac{5}{100}$	$1.05
740c	7\frac{40}{100}$	$7.40

4 a 3.6 **b** 8.5 **c** 0.8 **d** 1.9 **e** 9.1
f 0.08 **g** 4 **h** 10 **i** 0.19

5 a $6.45 **b** $0.05 **c** $0.75 **d** $7.80
e $0.90 **f** $18

4:NA47C Decimals and money

(Consolidation)

1 a 3.6 **b** 8.9 **c** 36.1 **d** 72.4
e 0.8 **f** 18

2 a $21.90 **b** $34.10 **c** $15.00 **d** $807.30
e $0.70 **f** $0.90

3

		Calculator display	Written as dollars and cents
a	$ 2.55 + $ 0.25	2.8	$ 2.80
b	$ 1.40 + $ 1.80	3.2	$ 3.20
c	$ 0.15 + $ 3.85	4	$ 4.00
d	$ 2.60 – $ 1.70	0.9	$ 0.90
e	$ 4.15 – $ 2.85	1.3	$ 1.30
f	$ 8.97 – $ 6.97	2	$ 2.00

4 a $7.00 **b** $8.10 **c** $2.80 **d** $1.60
e $7.90 **f** $3.30

5 a 7 **b** 8.1 **c** 2.8 **d** 1.6
e 7.9 **f** 3.3

4:NA48 Comparing/ordering decimals

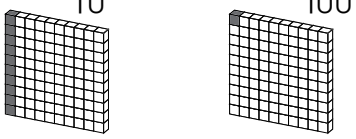
(page 48)

1 a 0·4 **b** 10·82 **c** 1·47 **d** 3·49
e 7·11 **f** 24·35

2 a 0·4 < 0·7 **b** 0·15 < 1·05
c 0·8 > 0·38 **d** 10·69 < 10·96
e 7·3 > 7·19 **f** 11·09 > 11·02

3 a 0·08, 0·8, 0·83 **b** 0·58, 0·72, 0·8
c 3·97, 4·7, 4·93

4 0·1 or $\frac{1}{10}$ 0·01 or $\frac{1}{100}$



5 a 10 cm **b** 1 cm **c** 0·1 m

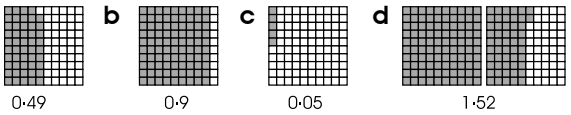
4:NA48C Decimals

(Consolidation)

1 a 0·5 **b** 0·6 **c** 0·81 **d** 0·03

2 a $\frac{66}{100}$ or 0·66 **b** $\frac{8}{100}$ or 0·08
c $\frac{30}{100}$ or 0·30 or 0·3 **d** $\frac{63}{100}$ or 0·63
e 0·08, 0·3, 0·63, 0·66 0·66 is closest to 1.
f F **g** T **h** T **i** F **j** F **k** T

3 a **b** **c** **d**

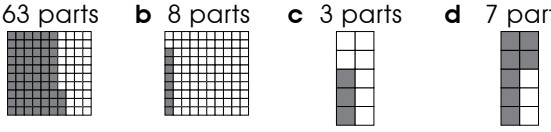


e 1·52, 0·9, 0·49, 0·05, 0·9 is closest to 1.
f 0·49 **g** 1·52
h 0 ones 2 tenths 6 hundredths **i** 4 ones 5 tenths 8 hundredths

4:NA49 Fractions and decimals

(page 49)

1 Colour any:
a 63 parts **b** 8 parts **c** 3 parts **d** 7 parts



2 a $\frac{23}{100}$ or 0·23 **b** $\frac{4}{10}$ or $\frac{40}{100}$, 0·4 or 0·40
c $\frac{4}{10}$ or 0·4 **d** $\frac{6}{10}$ or 0·6

3 a $\frac{68}{100}$ **b** $\frac{51}{100}$ **c** $\frac{27}{100}$ **d** $\frac{9}{100}$
e $\frac{2}{10}$ **f** $\frac{9}{10}$ **g** $\frac{1}{10}$ **h** $\frac{8}{10}$

4 a 0·13 **b** 0·25 **c** 0·03 **d** 0·96
e 0·3 **f** 0·4 **g** 0·5 **h** 0·9

5 a **b**

6 a $4\frac{4}{10}$, 4·4 **b** $1\frac{12}{100}$, 1·12

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Maths Builder Year 4 Answers

4:NA49C Fractions and decimals

(Consolidation)

1 **a** $\frac{6}{10}$, $\frac{7}{10}$, $\frac{8}{10}$, $\frac{9}{10}$, $\frac{10}{10}$ or 1, $\frac{11}{10}$ or $1\frac{1}{10}$.

b 0·6, 0·7, 0·8, 0·9, 1·0 or 1, 1·1

2 **a** $\frac{1}{5}$ **b** $\frac{2}{5}$ **c** $\frac{1}{2}$

d $\frac{3}{5}$ **e** $\frac{4}{5}$ **f** 1

3 **a** 0·2 **b** 0·4 **c** 0·6 **d** 1·2

4 0·02, 0·04, 0·06, 0·08, 0·10, 0·12, 0·14, 0·16

$\frac{2}{100}$ $\frac{4}{100}$ $\frac{10}{100}$ $\frac{16}{100}$ $\frac{6}{100}$ $\frac{12}{100}$ $\frac{8}{100}$ $\frac{14}{100}$

The rule is 'add 0·02'. The tenth term is 0·20 or 0·2.

5 **a** Add 0·5. The pattern: 2·5, 3, 3·5

b Add 0·02. The pattern: 0·13, 0·15, 0·17

c Add 0·02. The pattern: 0·14, 0·16, 0·18

d Add $\frac{10}{100}$. The pattern: $\frac{50}{100}$, $\frac{60}{100}$, $\frac{70}{100}$

e Add $\frac{10}{100}$. The pattern: $\frac{42}{100}$, $\frac{52}{100}$, $\frac{62}{100}$

f Double (or multiply by 2). The pattern: $\frac{32}{100}$, $\frac{64}{100}$

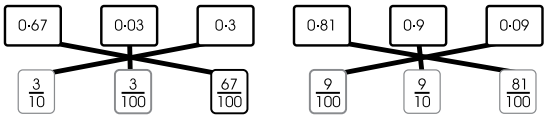
g Answers will vary.

4:NA49S Fractions and decimals

(Consolidation)

These are the same as 4:NA42C.

1



2 **a** $\frac{45}{100}$, 0·45 **b** $\frac{66}{100}$, 0·66

c $\frac{32}{100}$, 0·32 **d** $\frac{3}{100}$, 0·03

e $\frac{1}{10}$, 0·1 **f** $\frac{5}{10}$, 0·5

g $\frac{3}{10}$, 0·3 **h** $\frac{8}{10}$, 0·8

3 **a** 0·37 **b** 0·44 **c** 0·16 **d** 0·75

e 0·4 **f** 0·2 **g** 0·6 **h** 0·9

4 **a** $\frac{26}{100}$ **b** $\frac{74}{100}$ **c** $\frac{2}{10}$ **d** $\frac{2}{100}$

e $\frac{6}{100}$ **f** $\frac{1}{100}$ **g** $\frac{5}{10}$ **h** $\frac{7}{10}$

4:NA50 Expanded notation

(page 50)

1 **a** units **b** tenths **c** hundredths **d** tens

2 **a** $4{\cdot}75 = 4 + \frac{7}{10} + \frac{5}{100}$

b $7{\cdot}05 = 7 + \frac{0}{10} + \frac{5}{100}$

c $0{\cdot}92 = 0 + \frac{9}{10} + \frac{2}{100}$

d $2{\cdot}54 = 2 + \frac{5}{10} + \frac{4}{100}$

3 **a** 7 units, 2 tenths, 4 hundredths

b 8 units, 0 tenths, 5 hundredths

c 1 unit, 2 tenths, 5 hundredths

d 0 units, 8 tenths, 5 hundredths

e 4 units, 1 tenth, 9 hundredths

f 9 units, 8 tenths, 7 hundredths

4 **a** $6{\cdot}47 = 6 + \frac{47}{100}$ **b** $8{\cdot}73 = 8 + \frac{73}{100}$

c $2{\cdot}45 = 2 + \frac{45}{100}$ **d** $10{\cdot}34 = 10 + \frac{34}{100}$

e $17{\cdot}26 = 17 + \frac{26}{100}$ **f** $38{\cdot}39 = 38 + \frac{39}{100}$

5 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, 0·9, 1

4:NA51 Decimals in everyday life

(page 51)

1 **a** $\frac{32}{100}$ or 0·32 **b** $\frac{58}{100}$ or 0·58 **c** $\frac{7}{100}$ or 0·07

d $\frac{4}{100}$ or 0·04 **e** $\frac{4}{10}$ or 0·4 **f** $\frac{6}{10}$ or 0·6

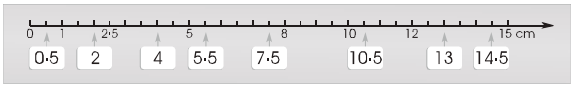
g $\frac{9}{10}$ or 0·9 **h** $\frac{1}{10}$ or 0·1 **i** $5\frac{7}{10}$ or 5·7

j $7\frac{4}{10}$ or 7·4

2 3, 2, 5, 1, 4

3 2, 3, 5, 4, 1

4 **a**



b Worm A: 8·5 cm or $8\frac{1}{2}$ cm

c Worm B: 6 cm

d $2\frac{1}{2}$ cm or 2·5 cm

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Maths Builder Year 4 Answers

4:NA52 Patterns

(page 52)

1 **a** 2, 4, 6, 8, 10. The 10th number would be 20.
b 3, 6, 9, 12, 15. The 10th number would be 30.

2 **a** 32, 64, 128. Multiply by 2.
b 21, 25, 29. Add 4.
c 29, 23, 17. Subtract 6.
d $2\frac{1}{2}$, 3, $3\frac{1}{2}$. Add $\frac{1}{2}$.
e 1, $\frac{1}{2}$, $\frac{1}{4}$. Halve.

3 **a** 16, 19...8th = 22 Add 3.
b 42, 35... 8th = 21 Subtract 7.
c 16, 32... 8th = 64 Double (or multiply by 2).

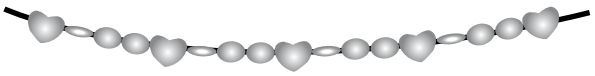
4 **a** 1, 0·9, 0·8, 0·7, 0·6.
b 0·07, 0·08, 0·09, 0·10 (or 0·1), 0·11.
c 0·48, 0·24, 0·12, 0·06, 0·03.
d 0·10 (or 0·1), 0·20 (or 0·2), 0·40 (or 0·4), 0·80 (or 0·8), 1·60 (or 1·6).

4:NA52C Patterns

(Consolidation)

1 **a** This is a 2, 1, 1 pattern.
Two oval shapes are followed by a heart shape and then a thin oval shape.

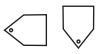
b



2 One bead then 2 different, then 3 different.

3 **a** Add 2, subtract 1 *or* + 2, – 1.
b Subtract 5, add 6 *or* – 5, + 6.
c Add 10, subtract 4 *or* + 10, – 4.

4 **a** 29, 26, 25, 22 **b** 10, 18, 20, 28
c 91, 98, 89, 96

5 **a**  **b** **c** **d**

4:NA53 Factors

(page 53)

1 3 × 5 = 15 5 × 3 = 15
15 × 1 = 15 1 × 15 = 15

f 15 are 1, 15, 3 and
e 1 × 15 = 15 and
3 × 5 = 15.

2 **a** 2, 3, 1, 6 **b** 2, 4, 1, 8 **c** 1, 13 **d** 3, 1, 9 **e** 2, 7, 1, 14 **f** 2, 8, 4, 1, 16

3 **a** 1, 24, 2, 12, 3, 8, 4, 6
b 1, 18, 2, 9, 3, 6
c 1, 20, 2, 10, 4, 5
d 1, 27, 3, 9
e 1, 30, 2, 15, 3, 10, 5, 6
f 1, 21, 3, 7 **g** 1, 25, 5

×	1	2	3	4	5	6	7	8	9	10	11	12
2	2	**4**	6	8	**10**	12	14	**16**	18	**20**	22	**24**
3	3	6	9	**12**	15	**18**	**21**	**24**	**27**	30	33	36
4	**4**	8	12	**16**	20	**24**	28	**32**	36	**40**	**44**	48
5	5	10	15	**20**	**25**	**30**	35	40	45	**50**	55	60
6	**6**	**12**	18	**24**	**30**	36	**42**	48	**54**	60	66	72
7	**7**	14	**21**	28	**35**	42	**49**	**56**	**63**	**70**	77	84
8	8	**16**	**24**	**32**	40	48	**56**	64	**72**	**80**	88	96
9	**9**	18	**27**	36	45	**54**	**63**	**72**	**81**	**90**	99	108
10	**10**	20	**30**	**40**	**50**	**60**	**70**	**80**	**90**	100	110	120

4:NA54 Subtraction with trading

(page 54)

1 **a** 279 **b** 399 **c** 617 **d** 189
e 288 **f** 768 **g** 589 **h** 267

2 **a** $3.87 **b** $2.38 **c** $0.68 **d** $3.75

3 **a** 95 km

Find	how far still to travel
Number Sentence	723 – 628 = ☐
Answer	95 km still has to be traveled.

b 88 places

Find	how many places available
Number Sentence	375 – 287 = ☐
Answer	88 places are still available.

4:NA54C Subtraction, 3 digits, one trade

(Consolidation)

1 **a** 272 **b** 249 **c** 193 **d** 197
e 675 **f** 390 **g** 988 **h** 772
i 344 L **j** 380 m **k** 787 g **l** 373 m

2 **a** $239 **b** $382

3 **a** 60 (chairs not used)

H	T	U
5	4	0
– 4	8	0
	6	0

b 383 (programs given out)

H	T	U
4	5	5
–	7	2
3	8	3

4:NA54S Addition and subtraction

(Consolidation)

1 **a** 59 **b** 48 **c** 51 **d** 75
e 45 **f** 33 **g** 82 **h** 66
i 409 **j** 157 **k** 522 **l** 603
m 277 **n** 498 **o** 478 **p** 660
q 963 **r** 790 **s** 415 **t** 910

2 **a**
	6	9	2
–	4	2	5
	2	6	7

b
	5	1	6
+	2	1	6
	7	3	2

c
	3	3	2
+	5	7	8
	9	1	0

d
	7	4	4
–	2	1	6
	5	2	8

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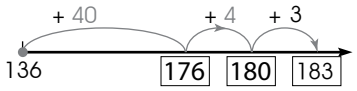
4 Maths Builder Year 4 Answers

4:NA55 Addition strategies

(page 55)

1 **a** 145 **b** 254+6+2=260+2=262
c 184



d 191 **e** 301 **f** 482

2 **a** 55 **b** 78 **c** 38 **d** 58
e 96 **f** 72

3 **a** 45 **b** 73 **c** 96 **d** 95
e 74 **f** 142 **g** 493 **h** 421

4 **a** 85 **b** 61 **c** 70 **d** 63
e Possible answers:
43+20+7=63+7=70 or
43+7+20=50+20=70 or
43+30−3=73−3=70

4:NA55C Mental strategies for addition

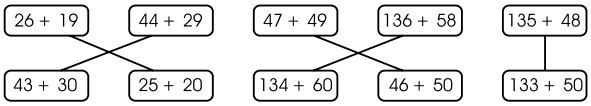
(Consolidation)

1 **a** 162 **b** 162 **c** 190 **d** 183
e 216 **f** 213 **g** $192

2 Answers will vary.

3 **a** 56 **b** 68 **c** 33 **d** 82
e 156 **f** 164

4



5 **a** 42 **b** 84 **c** 243 **d** 383
e 197 **f** 235 **g** $3.87 **h** $3.75
i $2.84 **j** $118 **k** $75 **l** $53
m $158 **n** $134 **o** $112

4:NA56 Estimating with addition

(page 56)

1 **a** Rounding: 400+400=800, Answer = 795 stickers, Your answer could be correct if it is close to your estimate in size.
b Rounding: 500+200=700, Answer = 715 mL
c Rounding: 200+600=800, Answer = 751 cards

2 **a** 930, Rounding: 600+300=900
b 676, Rounding: 600 +100 = 700
c 753, Rounding: 500+300=800

3 **a** Rounding: 100+300=400, 402
b Rounding: 300+600=900, 904

4 Answers will vary.

4:NA57 Estimating with subtraction

(page 57)

1 **a** Rounding: 300 – 100 = 200, 168 cans. Your answer could be correct if it is close to your estimate.
b Rounding: 400 – 0 = 400, 407 m
c Rounding: 900 – 300 = 600, 563 m

2 **a** 493, Rounding: 900 – 400 = 500
b 348, Rounding: 600 – 300 = 300
c 397, Rounding: 700 – 300 = 400

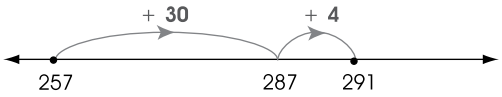
3 **a** Rounding: 500 – 300 = 200, 217
b Rounding: 600 – 400 = 200, 215

4 Answers will vary.

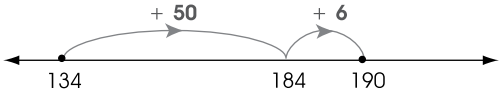
4:NA58 Addition/subtraction strategies

(page 58)

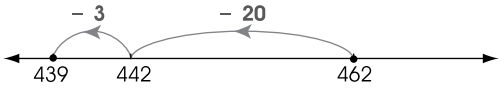
1 **a** 291



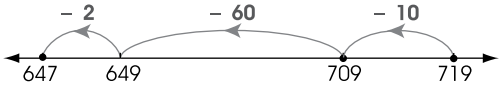
b 190



c 439



d 647



2 **a** 178 **b** 360 **c** 242 **d** 533 **e** 628
f 599 **g** 421 **h** 869 **i** 178 **j** 702

3 **a** 200, 2000, 20000 **b** 220, 2200, 22000
c 60, 600, 6000 **d** 90, 900, 9000

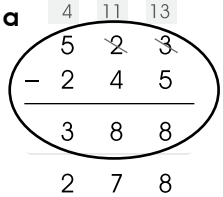
4:NA58C Addition and subtraction

(Consolidation)

1 **a** 52 **b** 91 **c** 25 **d** 89 **e** 109
f 30 **g** 202 **h** 28 **i** 111 **j** 33
k 477 **l** 392 **m** 322 **n** 318 **o** 493
p 628 **q** 524 **r** 203 **s** 180

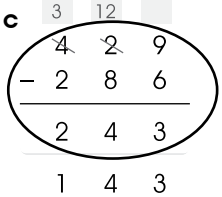
2 **a** 138 **b** 710 **c** 623 **d** 832

3 **a**

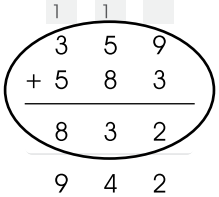


b

c



d



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Maths Builder Year 4 Answers

4:NA59 Subtraction from 100s

(page 59)

1 a

	5	~~0~~	10
	~~6~~	~~0~~	0
−		3	7
	5	6	3

b

	7	~~0~~	10
	~~8~~	~~0~~	0
−		2	8
	7	7	2

2 a 599 − 48 + 1
= 599 − 40 − 8 + 1
= 552

b 899 − 152 + 1
= 899 − 100 − 50 − 2 + 1
= 748

3 a 144

b

			10
	4	9	0
−	1	7	3
	3	2	7

4 a

	7	10	10
−	1	~~7~~	~~0~~ 4
	6	3	6

b

	5	10	10
−	1	~~9~~	~~8~~ 6
	4	1	4

4:NA60 Subtraction from 100s

(page 60)

1 a 123 **b** 287 **c** 115 **d** 31

2 a 394 **b** 298 **c** 37 **d** 82

3 a $3.44 **b** $3.17 **c** $2.63 **d** $7.45
e $0.68 **f** $1.49

4 a $0.65 **b** $4.44 **c** $1.32

5 Joe's team needs 132 points. Alan's team needs 226 points.

4:NA61 Calculating change

(page 61)

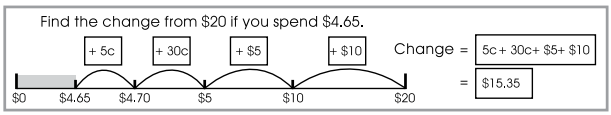
1 a

start	to next 10c	then to next $	then to total	change from $10
$3.25	5c +	70c +	$6 =	$6.75
$1.85	5c +	10c +	$8 =	$8.15

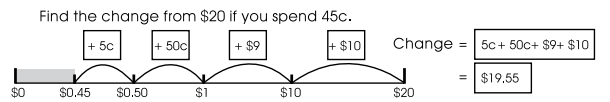
b $8.45 **c** $6.80 **d** $2.85 **e** $1.15

f $6.95 **g** $3.65 **h** $0.35 **i** $9.25

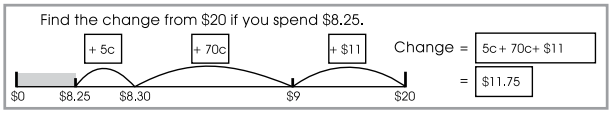
2 a



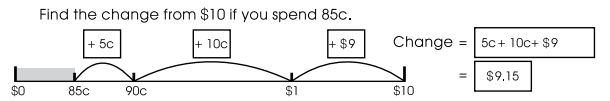
b



c



d



4:NA62 Problems involving money

(page 62)

1 a $4.68 **b** $4.70 **c** $1.30 **d** $6.25
e $6.40 **f** $4.20 **g** $4.35 **h** $5.10
i $7.40 **j** $1.90 **k** $3.95 **l** $2.85
m $0.60

2 Answers will vary.

3 a $12.65 **b** $13.45 **c** $9.90 **d** $1.70

4:NA63 Using 4 digits, no trading

(page 63)

1 a 1429 **b** 2379 **c** 3958 **d** 4687
e 4578 g **f** 5869 g **g** 4994 g **h** 6006 g

2 a 4 kg 578 g **b** 5 kg 869 g
c 4 kg 994 g **d** 6 kg 6 g

3 a 1989 mL **b** 4489 mL **c** $3887 **d** $9798

4 a 1 L 989 mL **b** 4 L 489 mL

5 a 1682 **b** 2421 **c** 3823 **d** 7311 **e** 3222
f 4006 **g** 4320 **h** 3601

4:NA63C Using 4 digits, no trading

(Consolidation)

1 a no **b** yes **c** yes **d** $303 **e** $2053

2 a 2318 **b** 1479 **c** 4583 **d** 3429
e 6299 **f** 5275 **g** 9097 **h** 7889
i 5279 **j** 3356 **k** 7355 **l** 9701

3 a 4617 **b** 5627 **c** 9520 **d** 2300 **e** 2310
f 2322 **g** 1350 **h** 3871 **i** 7810 **j** 1001
k 2000 **l** 3010

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Maths Builder Year 4 Answers

4:NA64 Addition, 4 digits, with trading

(page 64)

1 **a** 3471 **b** 2182 **c** 6993 **d** 4971

2 **a** 2431 **b** 4914 **c** 8730 **d** 6930

3 **a** 5144 **b** 8418 **c** 3877 **d** 8257

4 **a** $4135 **b** $9245 **c** $2786 **d** $8413

5 **a** 2050km **b** 3050km

6 900km

4:NA64C Adding up to four numbers

(Consolidation)

1 **a** 5575 **b** 4805 **c** 8189 **d** 3948

2 **a** 7808 **b** 673 **c** 4810 **d** 8299

3 **a**

1	4	3	7
2	3	8	3
	4	6	2
1	3	0	7
5	5	8	9

b

	4	7	5
	3	6	8
5	2	0	4
1	5	5	3
7	6	0	0

c

1	4	2	3
2	4	1	4
2	7	4	1
3	1	3	0
9	7	0	8

d

3	0	4	0
4	2	8	1
1	6	5	9
	3	2	7
9	3	0	7

4 **a** 5009 **b** 7854 **c** 6605 **d** 1989

5 1725 would be removed.

4:NA65 5-digit numbers

(page 65)

1 **a** 10 thousands **b** 100 hundreds **c** 1000 tens

2 **a**

ten thousands	thousands	hundreds	tens	ones
7	0	0	0	0

b

ten thousands	thousands	hundreds	tens	ones
9	0	0	0	0

3 58000, 59000, 60000

4 From the bottom: 20000, 30000, 50000, 80000

5 **a** $40K **b** $60K **c** $90K **d** $37K

6 **a** $20000 **b** $60000 **c** $97000

7 one million

4:NA66 5-digit numbers

(page 66)

1 **a** 50000 **b** 4 **c** 3000 **d** 700

e 53765 **f** 53763 **g** 53774 **h** 53754

i 53864 **j** 53664 **k** 54764 **l** 52764

2 **a** 47035 **b** 56280 **c** 39286 **d** 70082

e 50655 **f** 21734 **g** 5367 **h** 10252

3 **a** 10000, 9897, 9895, 9799, 9099

d 84367, 83001, 80999, 80000, 79688

4:NA66C 5-digit numbers

(Consolidation)

1 **a** 10 **b** 30000 **c** 700

2 **a** 38720, 38721, 38722, 38723

b 38729, 38739, 38749, 38759

c 38819, 38919, 39019, 39119

3 **a** 38718, 38717, 38716, 38715

b 38709, 38699, 38689, 38679

c 38619, 38519, 38419, 38319

4 **a** 34000 **b** 74208 **c** 93762

5 **a**

6	4	3	7	2
6 thousands	40	3 ten thousands	7	200
6 hundreds	400	3 thousands	70	2
6 ten thousands	40000	3 hundreds	700	20
6 ones	4000	3 tens	7000	20000
6 tens	4	3 ones	70000	2000

b 64371, 64374 **c** 76432, 76423

4:NA67 Writing lengths using decimals

(page 67)

1

shorts	length	fraction of a metre	decimal of a metre
3	3 cm	$\frac{3}{100}$ m	0·03m
5	5 cm	$\frac{5}{100}$ m	0·05m
10	10 cm	$\frac{10}{100}$ m	0·10m (or 0·1m)
29	29 cm	$\frac{29}{100}$ m	0·29m
86	86 cm	$\frac{86}{100}$ m	0·86m

2 Answers will vary.

3 **a** 8cm, 0·08m **b** 11cm, 0·11m **c** 16cm, 0·16m

4:NA68 Writing lengths using decimals

(page 68)

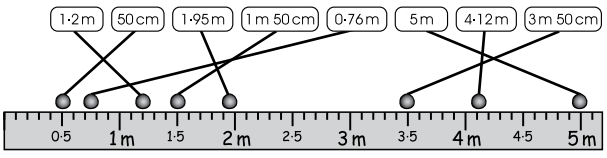
1 **a** 3·86m **b** 9·24m **c** 4·23m **d** 15·16m

e 1·45m **f** 20·69m **g** 35·23m **h** 23·04m

2 **a** 3m 14cm **b** 13m 21cm **c** 6m 2cm

d 9m 38cm **e** 5m 40cm **f** 7m 1cm

3



4 Answers will vary.

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Maths Builder Year 4 Answers

4:NA69 Subtraction algorithm, trading

(page 69)

1 **a** 2188 **b** 1178 **c** 3766 **d** 2246
e 1607g **f** 3569km **g** $662 **h** 1664L

2 **a** 338g **b** 2107km **c** 970mL

4:NA70 Subtracting from thousands

(page 70)

1 **a** 4881 **b** 1597 **c** 5710 **d** 7206
e 6357 **f** 3171 **g** 4252 **h** 1977g

2 **a** 4880 + 1 = 4881 **b** 1596 + 1 = 1597
c 5709 + 1 = 5710 **d** 7205 + 1 = 7206
e 6356 + 1 = 6357 **f** 3170 + 1 = 3171
g 4251 + 1 = 4252 **h** 1976 + 1 = 1977g

3 **a** 1028 **b** 3322 **c** 3155

4:NA71 Using odd and even numbers

(page 71)

1 **a** 63 **b** 32 **c** 36 **d** 15
e 12 **f** 42

2 **a** 121 **b** 280 **c** 114 **d** 99
e 2300 **f** 418

3 **a** odd **b** even **c** even **d** even

4 **a** odd **b** even **c** even **d** even

5

Answer type	When adding	When subtracting	When multiplying
even and even	even	even	even
even and odd	odd	odd	even
odd and odd	even	even	odd

6 Wrong answers are **a**, **c**, **d**, **e**, and **f**

4:NA72 Multiplication and division by 4

(page 72)

1 **a** 16, 32, 32 **b** 22, 44, 44 **c** 42, 84, 84
d 26, 52, 52 **e** 30, 60, 60 **f** 50, 100, 100
g 68 **h** 128 **i** 204
j 92 **k** 288

2 **a** 12, 6, 6 **b** 14, 7, 7 **c** 16, 8, 8
d 9 **e** 11 **f** 21
g 25 **h** 16 **i** 111
j 100 **k** 210 **l** 60
m 17

4:NA72C Multiplication of two-digit numbers

(Consolidation)

1 60 + 24 = 84

a 26×7
$= [20 \times 7] + [6 \times 7]$
$= [140] + [42]$
$= [182]$

b 33×6
$= [30 \times 6] + [3 \times 6]$
$= [180] + [18]$
$= [198]$

c 32×5
$= [30 \times 5] + [2 \times 5]$
$= [150] + [10]$
$= [160]$

d 44×8
$= [40 \times 8] + [4 \times 8]$
$= [320] + [32]$
$= [352]$

e 168 **f** 255 **g** 96

2 56 + 56 = 112

a 33×4
$= [33 \times 2] + [33 \times 2]$
$= [66] + [66]$
$= [132]$

b 54×4
$= [54 \times 2] + [54 \times 2]$
$= [108] + [108]$
$= [216]$

c 204 **d** 96 **e** 100

3 **a** $16 \times 5 = (8 \times 2) \times 5$
$= 8 \times 10$
$= [80]$

b $18 \times 5 = 9 \times 2 \times 5$
$= [9] \times [10]$
$= [90]$

c $24 \times 5 = [12] \times 2 \times [5]$
$= [12] \times [10]$
$= [120]$

4:NA73 Division with remainders

(page 73)

1 **a** 7 groups, remainder 2; 7 r 2
b 4 groups, remainder 2; 4 r 2
c 6 groups, remainder 3; 6 r 3
d 4 groups, remainder 7; 4 r 7

2 **a** 11 r 1 **b** 5 r 3 **c** 7 r 2 **d** 4 r 3

3 Find: how many chairs at each table.
Number Sentence: $26 \div 4 = \square$ r $\square$
Answer: 6 chairs at each table. 2 not used.

Working:

$$4 \overline{)\,2\,6} \quad 6 \text{ r } 2$$

6 chairs would be at each table.
2 would not be used.

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Maths Builder Year 4 Answers

4:NA73C Division with remainders

(Consolidation)

1 **a** 4 r 2 **b** 3 r 4 **c** 2 r 2 **d** 7

2 **a** 20, No leftover blocks should be circled.
b 21, No leftover blocks should be circled.
c 13, No leftover blocks should be circled.
d 11, Two leftover blocks should be circled.
e 22, One leftover block should be circled.
f 14, Two leftover blocks should be circled.

3 **a** 6 r 1 **b** 9 r 1 **c** 4 r 1 **d** 13 r 1

4:NA74 Division using multiplication

(page 74)

1 **a** $26 = \underline{4} \times 6 + \underline{2}$, $26 \div 6 = \underline{4}$ r $\underline{2}$
b $26 = \underline{5} \times 5 + \underline{1}$, $26 \div 5 = \underline{5}$ r $\underline{1}$
c $26 = \underline{3} \times 8 + \underline{2}$, $26 \div 8 = \underline{3}$ r $\underline{2}$

2 **a** $33 = \underline{3} \times 9 + \underline{6}$, $33 \div 9 = \underline{3}$ r $\underline{6}$
b $33 = \underline{8} \times 4 + \underline{1}$, $33 \div 4 = \underline{8}$ r $\underline{1}$
c $33 = \underline{4} \times 7 + \underline{5}$, $33 \div 7 = \underline{4}$ r $\underline{5}$

3 **a** $19 \div 3 = \underline{6}$ r $\underline{1}$, $19 = \underline{6} \times 3 + \underline{1}$
b $35 \div 8 = \underline{4}$ r $\underline{3}$, $35 = \underline{4} \times 8 + \underline{3}$
c $36 \div 7 = \underline{5}$ r $\underline{1}$, $36 = \underline{5} \times 7 + \underline{1}$
d $52 \div 7 = \underline{7}$ r $\underline{3}$, $52 = \underline{7} \times 7 + \underline{3}$
e $29 \div 3 = \underline{9}$ r $\underline{2}$, $29 = \underline{9} \times 3 + \underline{2}$
f $35 \div 9 = \underline{3}$ r $\underline{8}$, $35 = \underline{3} \times 9 + \underline{8}$
g $27 \div 8 = \underline{3}$ r $\underline{3}$, $27 = \underline{3} \times 8 + \underline{3}$

4 **a** 5 r 3 **b** 6 r 1 **c** 6 r 2
d 7 r 3 **e** 6 r 7 **f** 5 r 3
g 7 r 3 **h** 6 r 6 **i** 5 r 3

4:NA74C Multiplication and division

(Consolidation)

1 **a** 18 **b** 32 **c** 45 **d** 28

2 **a** 35 **b** 72 **c** 42 **d** 36
e 49

3 **a** 4 **b** 4 **c** 5 **d** 2
e 3 **f** 0

4 **a** 3 **b** 9 **c** 9 **d** 3
e 3 r 2 **f** 9 r 5 **g** 9 r 3 **h** 3 r 3

5 **a** 9 **b** 9 **c** 9 **d** 8
e 9 r 2 **f** 9 r 4 **g** 9 r 3 **h** 8 r 4

6 **a** 32 (books)
b 8 (cakes)
c 9 (five dollar notes)
d $160

4:NA75 Multiplication strategies

(page 75)

1 **a** F **b** T **c** T **d** T
e F **f** T **g** T **h** T
i T **j** T **k** T **l** T
m T **n** T **o** T

2 **a** 800 **b** 40 **c** 70 **d** 90
e 42 **f** 35 **g** 117 **h** 90
i 216 **j** 133 **k** 246 **l** 92
m 143 **n** 90 **o** 17 **p** 80
q 12 **r** 92

3 **a** 24 **b** 80 **c** 80 **d** 84
e 81 **f** 720

4 **a** Answers may vary. First multiply the 50 and the 2 to get 100. Then $100 \times 9 = 900$.
b Answers may vary. See this as $(10 \times 7) + (3 \times 7)$.

4:NA76 Multiplying bigger numbers

(page 76)

1 **a** $(10 \times 5) + \underline{5} + \underline{5} + \underline{5}$
$= 50 + 15$
$= 65$

b $(10 \times 3) + \underline{3} + \underline{3} + \underline{3} + \underline{3}$
$= 30 + 12$
$= 42$

c 120 **d** 98 **e** 99 **f** 128

2 **a** $80 + 24$
$= 104$

b $(6 \times \underline{10}) + (6 \times \underline{6})$
$= 60 + 36$
$= 96$

c 91 **d** 144 **e** 105

3 **a** $\underline{8} \times 2 \times 5$
$= \underline{8} \times 10$
$= 80$

b $\underline{3} \times \underline{4} \times 25$
$= \underline{3} \times 100$
$= 300$

c 70 **d** 110 **e** 130 **f** 500
g 200 **h** 600

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Maths Builder Year 4 Answers

4:NA76C Multiplication of two-digit numbers

(Consolidation)

1 60 + 24 = 84

a 26 × 7
= 20 × 7 + 6 × 7
= 140 + 42
= 182

b 33 × 6
= 30 × 6 + 3 × 6
= 180 + 18
= 198

c 35 × 5
= 30 × 5 + 5 × 5
= 150 + 25
= 175

d 44 × 8
= 40 × 8 + 4 × 8
= 320 + 32
= 352

e 168 **f** 255 **g** 96

2 56 + 56 = 112

a 33 × 4
= 33 × 2 + 33 × 2
= 66 + 66
= 132

b 54 × 4
= 54 × 2 + 54 × 2
= 108 + 108
= 216

c 204 **d** 96 **e** 100

3 **a** 16 × 5 = (8 × 2) × 5
= 8 × 10
= 80

b 18 × 5 = 9 × 2 × 5
= 9 × 10
= 90

c 24 × 5 = 12 × 2 × 5
= 12 × 10
= 120

4:NA77 Multiplying 2-digit numbers

(page 77)

1 **a** 30 + 12 = 42, 42

b $30 + $21 = $51, $51

c (4 × 20) + (4 × 6) = 80 + 24 = 104, 104

d (2 × 30) + (2 × 8) = 60 + 16 = 76, 76

e 28 **f** 45 **g** 90

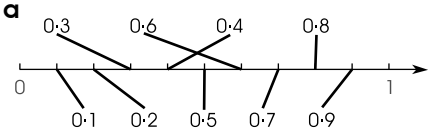
2 **a** *Find:* how many iceblocks,
Number sentence: 4 × 14 = ☐,
Working: (4 × 10) + (4 × 4) = 40 + 16,
Answer: She bought 56 iceblocks.

b *Find:* the cost of the lights,
Number sentence: 6 × $33 = ☐,
Working: (6 × 30) + (6 × 3) = 180 + 18,
Answer: $198 is the total cost.

4:NA78 Ordering decimals

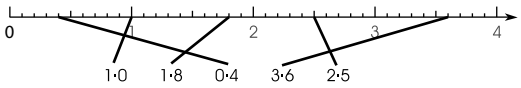
(page 78)

1 **a**



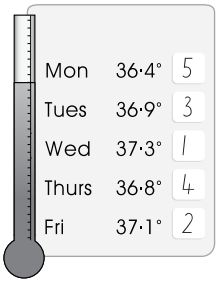
b 0·1, 0·5, 0·6, 0·7, 0·9.

2 **a**

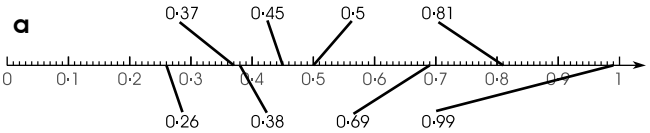


b 0·4, 1, 1·8, 2·5, 3·6.

3

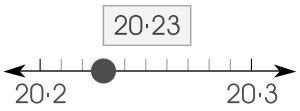


4 **a**

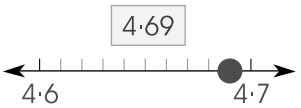


b 0·26, 0·45, 0·69, 0·81.

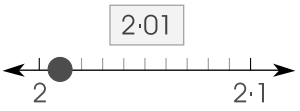
5 **a**



b



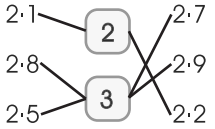
c



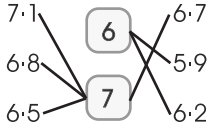
4:NA79 Rounding decimals

(page 79)

1 **a**

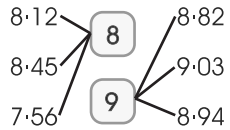


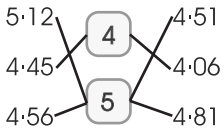
b



2 **a** 2 **b** 3 **c** 3 **d** 13 **e** 30
f 38 **g** 459 **h** 272 **i** 757

3





4 **a** 2 **b** 3 **c** 5 **d** 27 **e** 83
f 94 **g** 307 **h** 180 **i** 401 **j** 7
k 68 **l** 399

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Maths Builder Year 4 Answers

4:NA80 5-digit numbers

(page 80)

1 **a** 10 000 + 5 000 + 600 + 30 + 5 = 15 635

b 5 ten thousands, 9 thousands, 3 hundreds, 8 tens, 2 ones, 59 382

2 **a** 31 624 **b** 70 205 **c** 46 471

d 30 000 + 1 000 + 600 + 20 + 4

3 **a** 3 800 **b** 12 000 **c** 17 000

d 27 000 **e** 32 000 **f** 15 000

4

	add 100	subtract 100	add 1 000	subtract 1 000
39 304	39 404	39 204	40 304	38 304
70 465	70 565	70 365	71 465	69 465
54 322	54 422	54 222	55 322	53 322
80 091	80 191	79 991	81 091	79 091

4:NA80C Numbers to 99 999

(Consolidation)

1

	T Th	Th	H	T	U
a		7	3	8	0
b	2	1	6	0	4
c	9	3	1	0	0
d	4	0	8	1	6

2 **a** 86 430 **b** 86 403 **c** 30 468 **d** 30 486

e Your 5-digit number cannot end with 3.

f Your 5-digit number must end with 3.

g Your 5-digit number must start with 46.

h 64 380, 64 803 or 64 830

3 **a** > **b** < **c** >

d > **e** < **f** <

4 **a** $11 000, $22 000, $57 000, $18 000, $10 000

b $10 000, $20 000, $60 000, $20 000, $10 000

c $10 000, $10 937, $18 245, $21 899, $56 800

4:NA81 Multiplying by a multiple of 10

(page 81)

1 **a** 20 + 20 + 20 + 20 = 80 (candles)

b 50 + 50 + 50 = 150 (balls)

c 60 **d** 180 **e** 120 **f** 200

2 **a** 25 tens = 250 **b** 4 × 2 tens = 8 tens = 80

c 400 **d** 180 pins **e** 240 **f** 210 mL

3 **a** 49 × 10 = 490 pencils

b 3 × 3 × 10 = 9 × 10 = 90 pens

c 120 **d** 160 **e** 350 **f** 270

4 **a** 60 **b** 300 **c** 180 **d** 720

e 100 **f** 180 **g** 160 **h** 280

i 420 **j** 630 **k** 180 **l** 150

4:NA81C Multiplication of two-digit numbers

(Consolidation)

1 **a** 150 + 18 = 168, 168

b $210 + $15 = $225, $225

c (4 × 60) + (4 × 3) = 240 + 12 = 252, 252

d (5 × 80) + (5 × 3) = 400 + 15 = 415, 415

e 172 **f** 237 **g** 240

h 228 **i** 372 **j** 324

2 **a** *Find:* how many iceblocks,

Number sentence: 4 × 56 = ☐,

Working: (4 × 50) + (4 × 6) = 200 + 24,

Answer: She bought 224 iceblocks.

b *Find:* the cost of the lights,

Number sentence: 6 × $45 = ☐,

Working: (6 × 40) + (6 × 5) = 240 + 30,

Answer: $270 is the total cost.

4:NA82 Multiplying using strategies

(page 82)

1 **a** 3 × 20 + 3 × 7 = 60 + 21 = 81

b 7 × 10 + 7 × 4 = 70 + 28 = 98

c 8 × 50 + 8 × 6 = 400 + 48 = 448

d 4 × 30 + 4 × 8 = 120 + 32 = 152

e 7 × 20 + 7 × 2 = 140 + 14 = 154

f 6 × 30 + 6 × 7 = 180 + 42 = 222

2 **a** 2 × 40 + 2 × 8 = 80 + 16 = 96

b 4 × 40 + 4 × 8 = 160 + 32 = 192

c 5 × 40 + 5 × 8 = 200 + 40 = 240

d 7 × 40 + 7 × 8 = 280 + 56 = 336

e 6 × 40 + 6 × 8 = 240 + 48 = 288

f 9 × 40 + 9 × 8 = 360 + 72 = 432

3 **a** 4 × 10 + 4 × 5 = 40 + 20 = $60

b 7 × 70 + 7 × 8 = 490 + 56 = 546c or $5.46

c 3 × 30 + 3 × 8 = 90 + 24 = $114

d 4 × 20 + 4 × 6 = 80 + 24 = $104

4:NA82C Speed tests

(Consolidation)

1

	Test A	Test B	Test C	Test D	Test E	Test F
1	2	30	28	12	18	0
2	24	16	0	20	70	45
3	40	35	6	54	32	14
4	42	48	49	50	18	56
5	10	0	24	56	0	5
6	24	4	42	25	56	72
7	40	64	63	21	3	60
8	81	36	20	32	35	24
9	27	56	20	0	16	36
10	0	30	48	8	30	15

2 Graphs will vary.

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Maths Builder Year 4 Answers

4:NA83 Division of larger 2-digit numbers

(page 83)

1 **a** $4\overline{)48}$ = 12, 10, 2, 12, **b** $2\overline{)64}$ = 32, 30, 2, 32

c $3\overline{)39}$ = 13, 10, 3, 13 **d** $3\overline{)63}$ = 21, 20, 1, 21

2 **a** 43 **b** 11 **c** 11 **d** 24 **e** 12
f 11 **g** 23 **h** 11 **i** 31 **j** 22
k 41 **l** 32

Challenge:

3 **a** 34 thousand **b** 21 thousand **c** 31 thousand

4:NA83C Division with a remainder

(Consolidation)

1 **a** 1 r4 **b** 4 r1 **c** 3 r2 **d** 4 r3
2 **a** 7 r3 **b** 5 r3 **c** 7 r5 **d** 6 r2
e 8 r2 **f** 6 r0 (or 6)
3 **a** $\underline{3}\times3=\underline{9}$, 3 r1 **b** $\underline{6}\times3=\underline{18}$, 6 r2
c $\underline{8}\times2=\underline{16}$, 8 r1 **d** $\underline{9}\times4=\underline{36}$, 9 r1
4 **a** 4 r4 **b** 7 r2 **c** 2 r2 **d** 6 r4
e 4 r5 **f** 9 r2 **g** 1 r7 **h** 10 r5
5 **a** 5 cards given to each, 2 left over
b 6 (students)

4:NA84 Division, 2 digits, trading

(page 84)

1 **a** $3\overline{)48}$ = 16, 10, 6, 16, **b** $6\overline{)78}$ = 13, 10, 3, 13

c $4\overline{)92}$ = 23, 20, 3, 23 **d** $7\overline{)84}$ = 12, 10, 2, 12

2 **a** 19 **b** 14 **c** 14 **d** 15
e 37 **f** 14 **g** 17 **h** 24
i 25 **j** 13 **k** 18 **l** 12

Challenge:

3 **a** 18 thousand **b** 19 thousand **c** 15 thousand

4:NA85 Multiples, factors and products

(page 85)

1 **a** 24 **b** 21 **c** 40 **d** 72
e 28 **f** 48 **g** 63 **h** 42
2 **a** 28, 35 **b** 36, 42 **c** 44, 48 **d** 36, 45
3

10	(24)	12
(32)	42	(88)
(16)	(8)	(48)

4 **a** 1, 6, 2, 3 **b** 1, 7 **c** 1, 12, 2, 6, 3, 4
d 1, 14, 2, 7 **e** 1, 36, 2, 18, 3, 12, 4, 9, 6
5 **a** 2 24 8 16 20 18 **b** 24 15 18 **c** 24 8 16 20
d 2 13 24 8 17 16 15 20 19 23 18 **e** 24

4:NA86 Solving problems

(page 86)

1 **a** 16, 20, 24. (The rule is multiply by 4.)
b 14, 9, 4. (The rule is subtract 5.)
c 29, 36, 43. (The rule is add 7.)
d 128, 256, 512. (The rule is multiply by 2.)
2 **a** 100 cm **b** 60 s **c** 24 hours **d** 1000 g
e 1000 m **f** 120 min **g** 1000 mL
h 10 mm **i** 14 days
3 **a** 8 cm **b** 14 (students) **c** 14 (weeks)
d 5 litres **e** 56 km **f** 496 km

4:NA87 Addition to 5 digits

(page 87)

1 **a** 69 875 **b** 99 918 **c** 39 163
d 78 247 **e** 32 511 **f** 101 606
2 **a** $860.90 **b** $963.5 **c** $162.05
3 **a** yes **b** no **c-e** Answers will vary.
f They are fast and accurate as long as you estimate also, to avoid errors.

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Maths Builder Year 4 Answers

4:NA87C 5-digit addition and subtraction

(Consolidation)

1 **a** 63 438 **b** 40 336 **c** 29 091

2

11		
4 5 6 2 X	1 1	16 14
− 3 5 7 9	2 3 9 6 5	6 5 7 5 0
4 2 0 4 2	+ 4 7 1 1 0	− 3 4 8 8 8
	7 1 0 7 5	3 0 8 6 2

3 **a** 13 856 and 9 421

b 13 856 and 28 578

c 13 856 and 17 964

4 **a** + 42 930

b 29 164

c – 5 836

d 8 357 and 18 000

e 8 357 and 5 836

f 8 357, 42 930 and 18 000

4:NA88 Subtraction to 5 digits

(page 88)

1 **a** 33 423 **b** 84 360 **c** 69 056

d 49 399 **e** 39 946

2 **a** $750.49 **b** $335.28 **c** $651.48

3 **a** $10 760 **b** $16 090 **c** $32 882

d $63 456 **e** Car A and Car B

f Car C: $12 882, Car D: $43 456

4:NA88C 5-digit addition and subtraction

(Consolidation)

These are the same as 4:NA87C.

1 **a** 63 438 **b** 40 336 **c** 19 091

2

a

11
4 5 6 2 X
− 3 5 7 9
4 2 0 4 2

b

1 1
2 3 9 6 5
+ 4 7 1 1 0
7 1 0 7 5

c

16 14
6 5 7 5 0
− 3 4 8 8 8
3 0 8 6 2

3 **a** 13 856 and 9 421

b 13 856 and 28 578

c 13 856 and 17 964

4 **a** + 42 930

b 29 164

c – 5 836

d 8 357 and 18 000

e 8 357 and 5 836

f 8 357, 42 930 and 18 000

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