



BRITISH LEARNING CENTRE

YEAR 3

Arithmetic

Workbook

Short, clear practice of every Year 3 calculation skill, with worked examples and answers.

Name:

English | Learn it · Practise · Challenge · Check

How to use this workbook

1

Learn it

Read the explanation, key words and worked example.

2

Practise

Answer the questions on Sheet A.

3

Challenge

Try the harder questions on Sheet B.

4

Check

Check with the answers at the back and tick the tracker.

My progress tracker

#	Unit · I can...	Tried	Nearly	Got it!
1	Mental adding and subtracting I can add and subtract ones, tens and hundreds to and from a 3-digit number.			
2	Column addition I can add numbers with up to three digits using the column method.			
3	Column subtraction I can subtract numbers with up to three digits using the column method.			
4	The 3, 4 and 8 times tables I can recall multiplication facts for the 3, 4 and 8 times tables.			
5	Dividing by 3, 4 and 8 I can recall division facts for the 3, 4 and 8 times tables.			
6	Multiplying by multiples of 10 I can use times tables to multiply by multiples of 10.			
7	Multiplying 2-digit numbers I can multiply a 2-digit number by a 1-digit number using the column method.			
8	Dividing 2-digit numbers I can divide a 2-digit number by a 1-digit number, with remainders.			
9	Fractions of amounts I can find unit and non-unit fractions of amounts.			
10	Adding and subtracting fractions I can add and subtract fractions with the same denominator.			
11	Tenths I can count in tenths and divide by 10 to make tenths.			



CHECK

Start test

Start test

Name _____ Date _____ Score _____ / 20

Work out the answers.

1 $585 - 20 = \square$

2 $4 \times 2 = \square$

3 $12 \div 4 = \square$

4 $\square \div 4 = 10$

5 $2 \times 40 = \square$

6 $3 \times \square = 240$

7 $1/10$ of 20 = $\square$

8 $4/5$ of 10 = $\square$

9 $2/5 + 1/5 = \square$

10 $10/12 - \square = 3/12$

11 $8 \div 10 = \square$

12 $\square, \square, 6/10, 5/10, 4/10$

13

		5	0	0
+		1	5	8

14

	5	2	2
+		2	9

15

		7	3	8
-		1	2	1

16

		9	0	7
-		8	4	4

17

	2	1
x		3

18

		6	6
x			3

19

3	5	2

20

8	8	5

1

UNIT 1 · LEARN IT

Mental adding and subtracting

I can... add and subtract ones, tens and hundreds to and from a 3-digit number.

Think about which digit changes. $346 + 30$: the tens digit changes, so $346 + 30 = 376$.

If you cross a ten or a hundred, the next digit changes too. $378 + 50 = 428$.

Top tip: Say the number in hundreds, tens and ones.

Key words

ones

tens

hundreds

mentally

cross

Worked example

$$465 + 70 = \boxed{535}$$

Work out the answers.

1 $439 + 100 =$

2 $756 - 300 =$

3 $389 - 5 =$

4 $370 + 400 =$

5 $736 + 100 =$

6 $293 - 3 =$

7 $473 + 3 =$

8 $897 - 400 =$

9 $383 + 10 =$

10 $835 + 100 =$

11 $110 - 10 =$

12 $203 + 600 =$

13 $748 + 1 =$

14 $544 - 400 =$

15 $852 + 40 =$

16 $491 + 5 =$

17 $247 + 2 =$

18 $134 - 30 =$

19 $341 + 5 =$

20 $772 - 1 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Work out the answers.

1 $512 - 5 =$

2 $544 + 60 =$

3 $468 + 8 =$

4 $258 + 2 =$

5 $573 - 90 =$

6 $462 - 8 =$

7 $567 - 80 =$

8 $706 - 9 =$

9 $685 + 8 =$

10 $868 - 9 =$

11 $356 + 6 =$

12 $833 + 8 =$

13 $808 + 8 =$

14 $535 - 40 =$

15 $117 - 9 =$

16 $461 - 80 =$

17 $738 - 9 =$

18 $119 - 60 =$

19 $833 - 70 =$

20 $174 - 9 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

2

UNIT 2 · LEARN IT

Column addition

I can... add numbers with up to three digits using the column method.

Write the numbers in columns: hundreds, tens, ones. Start adding from the ones.

If a column adds to 10 or more, exchange 10 ones for 1 ten. Write the 1 under the next column.

Top tip: Always start with the ones column.

Key words

column

digit

exchange

ones

tens

hundreds

Worked example

		3	6	8
+		2	5	7
		6	2	5

Use the column method.

1

		5	0	2
+		2	6	5

2

		7	6	1
+		1	0	0

3

		8	6	2
+		1	1	7

4

		8	8	2
+		1	1	3

5

		5	8	1
+		1	0	2

6

		2	2	0
+		2	5	4

7

		7	3	0
+		1	7	1

8

		5	1	0
+		4	5	1

9

		2	1	0
+		3	6	7

10

		7	9	1
+		1	0	4

11

		7	3	0
+		2	3	5

12

		3	0	1
+		4	6	6

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Use the column method.

1

		4	9	6
+		2	1	6

2

		1	1	9
+		1	1	5

3

		4	6	9
+		2	1	5

4

		7	9	8
+			7	9

5

		2	3	8
+		4	8	2

6

		3	7	9
+		3	0	7

7

		3	6	9
+		5	3	8

8

		4	7	0
+		4	5	8

9

		2	7	6
+		6	8	3

10

		4	6	3
+		3	5	2

11

		5	4	8
+		2	4	4

12

		2	8	3
+		6	9	3

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Column subtraction

I can... subtract numbers with up to three digits using the column method.

Write the bigger number on top. Start subtracting from the ones.

If the top digit is smaller, exchange 1 ten for 10 ones (or 1 hundred for 10 tens).

Top tip: Check by adding your answer to the number you took away.

Key words

column

subtract

exchange

ones

tens

hundreds

Worked example

		5	4	2
-		2	6	7
		2	7	5

Use the column method.

1

		5	3	3
-		3	1	1

2

		6	4	5
-		2	4	3

3

		4	2	5
-		1	2	4

4

		6	0	5
-		4	0	9

5

		2	1	9
-		1	1	2

6

		5	1	0
-		1	1	0

7

		7	6	6
-		1	6	4

8

		8	9	5
-		2	0	4

9

	7	5	9
-		2	3

10

		3	0	9
-		1	0	5

11

		8	4	3
-		5	9	2

12

		6	2	1
-		1	7	2

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Use the column method.

1

		4	0	5
-		2	3	8

2

		4	2	3
-		2	0	4

3

		5	6	4
-		5	0	6

4

		5	7	1
-		4	6	4

5

		7	6	3
-		3	1	5

6

		5	2	3
-		3	7	3

7

		9	1	0
-		1	7	3

8

		8	2	3
-		2	2	4

9

		5	0	1
-		4	4	3

10

		6	1	9
-		4	4	3

11

		6	9	0
-		2	9	9

12

		6	1	9
-		5	6	7

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

4

UNIT 4 · LEARN IT

The 3, 4 and 8 times tables

I can... recall multiplication facts for the 3, 4 and 8 times tables.

The 4 times table is double the 2 times table. The 8 times table is double the 4 times table.

$6 \times 4 = 24$, so $6 \times 8 = 48$.

Top tip: Use doubling to help: 2s, 4s, 8s.

Worked example

$$7 \times 8 = \boxed{56}$$

Key words

multiply

times table

double

product

Work out the answers.

1 $8 \times 4 =$

2 $3 \times 4 =$

3 $4 \times 3 =$

4 $6 \times 4 =$

5 $4 \times 4 =$

6 $5 \times 3 =$

7 $8 \times 3 =$

8 $10 \times 8 =$

9 $3 \times 8 =$

10 $4 \times 5 =$

11 $8 \times 9 =$

12 $3 \times 5 =$

13 $8 \times 10 =$

14 $11 \times 8 =$

15 $8 \times 2 =$

16 $6 \times 3 =$

17 $9 \times 4 =$

18 $8 \times 1 =$

19 $4 \times 10 =$

20 $4 \times 1 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Find the missing numbers.

1 $3 \times \square = 30$

2 $\square \times 3 = 18$

3 $\square \times 8 = 24$

4 $8 \times \square = 56$

5 $32 = 4 \times \square$

6 $36 = 9 \times \square$

7 $8 \times \square = 48$

8 $\square \times 8 = 64$

9 $4 \times \square = 36$

10 $3 \times \square = 15$

11 $4 \times \square = 8$

12 $\square \times 8 = 88$

13 $16 = 2 \times \square$

14 $21 = 7 \times \square$

15 $3 \times \square = 9$

16 $8 \times \square = 40$

17 $3 \times \square = 27$

18 $44 = 11 \times \square$

19 $32 = 8 \times \square$

20 $24 = 8 \times \square$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Dividing by 3, 4 and 8

I can... recall division facts for the 3, 4 and 8 times tables.

Division is the inverse of multiplication. $7 \times 4 = 28$, so $28 \div 4 = 7$ and $28 \div 7 = 4$.

Ask: how many 4s make 28?

Top tip: Use the times table you know.

Worked example

$$56 \div 8 = \boxed{7}$$

Key words

divide

division

inverse

fact family

Work out the answers.

1 $32 \div 8 =$

2 $30 \div 3 =$

3 $72 \div 8 =$

4 $28 \div 4 =$

5 $33 \div 3 =$

6 $8 \div 4 =$

7 $44 \div 4 =$

8 $9 \div 3 =$

9 $64 \div 8 =$

10 $27 \div 3 =$

11 $12 \div 3 =$

12 $15 \div 3 =$

13 $96 \div 8 =$

14 $16 \div 8 =$

15 $88 \div 8 =$

16 $18 \div 3 =$

17 $3 \div 3 =$

18 $36 \div 4 =$

19 $24 \div 3 =$

20 $12 \div 4 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Find the missing numbers.

1 $28 \div \square = 7$

2 $9 = 72 \div \square$

3 $\square \div 4 = 9$

4 $30 \div \square = 10$

5 $10 = 80 \div \square$

6 $\square \div 3 = 11$

7 $15 \div \square = 5$

8 $44 \div \square = 11$

9 $\square \div 8 = 8$

10 $\square \div 8 = 11$

11 $9 \div \square = 3$

12 $56 \div \square = 7$

13 $7 = 21 \div \square$

14 $88 \div \square = 11$

15 $6 = 24 \div \square$

16 $2 = 8 \div \square$

17 $10 = 40 \div \square$

18 $3 = 9 \div \square$

19 $3 = 24 \div \square$

20 $5 = 20 \div \square$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Multiplying by multiples of 10

I can... use times tables to multiply by multiples of 10.

$3 \times 4 = 12$. 3×40 is ten times bigger, so $3 \times 40 = 120$.

Use the fact you know, then make it ten times bigger.

Top tip: 3×4 tens = 12 tens = 120.

Worked example

$$4 \times 60 = \boxed{240}$$

Key words

multiple of 10

ten times

multiply

place value

Work out the answers.

1 $8 \times 30 =$

2 $50 \times 5 =$

3 $40 \times 4 =$

4 $8 \times 90 =$

5 $90 \times 4 =$

6 $30 \times 8 =$

7 $4 \times 50 =$

8 $8 \times 80 =$

9 $50 \times 3 =$

10 $60 \times 10 =$

11 $4 \times 20 =$

12 $40 \times 5 =$

13 $5 \times 90 =$

14 $5 \times 60 =$

15 $20 \times 10 =$

16 $5 \times 50 =$

17 $60 \times 3 =$

18 $3 \times 60 =$

19 $8 \times 50 =$

20 $3 \times 40 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Find the missing numbers.

1 $80 \div 4 = \square$

2 $\square \times 60 = 480$

3 $280 \div 4 = \square$

4 $3 \times \square = 60$

5 $8 \times \square = 480$

6 $\square \times 40 = 160$

7 $3 \times \square = 210$

8 $\square \times 70 = 560$

9 $\square \times 50 = 400$

10 $480 \div 8 = \square$

11 $\square \times 30 = 90$

12 $\square \times 40 = 320$

13 $8 \times \square = 720$

14 $\square \times 30 = 240$

15 $120 \div 3 = \square$

16 $8 \times \square = 400$

17 $\square \times 90 = 360$

18 $4 \times \square = 240$

19 $210 \div 3 = \square$

20 $\square \times 80 = 240$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Multiplying 2-digit numbers

I can... multiply a 2-digit number by a 1-digit number using the column method.

Multiply the ones first, then the tens. 34×4 : $4 \times 4 = 16$. Write 6 and exchange 1 ten.

Then $3 \text{ tens} \times 4 = 12 \text{ tens}$. Add the 1 ten: 13 tens. The answer is 136.

Top tip: Remember to add the exchanged ten.

Key words

column

multiply

exchange

ones

tens

Worked example

		3	4
×			4
	1	3	6

Use the column method.

1

		2	2
x			8

2

	3	1
x		3

3

		3	9
x			6

4

		9	6
x			3

5

	3	2
x		3

6

		3	2
x			4

7

	2	1
x		2

8

	4	2
x		2

9

		5	4
x			5

10

		4	2
x			4

11

	1	2
x		3

12

	2	1
x		3

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Use the column method.

1

		8	8
x			4

2

		6	9
x			8

3

		9	9
x			4

4

		5	9
x			5

5

		1	5
x			8

6

		7	3
x			8

7

		8	8
x			8

8

		3	8
x			3

9

		4	6
x			4

10

		5	9
x			4

11

		2	5
x			5

12

	1	9
x		4

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Dividing 2-digit numbers

I can... divide a 2-digit number by a 1-digit number, with remainders.

Use the bus stop method. Divide the tens first, then the ones.

If something is left over, it is the remainder. $75 \div 4 = 18 \text{ r } 3$.

Top tip: The remainder must be smaller than the number you divide by.

Key words

divide

bus stop

remainder

exchange

Worked example

	1	8	r 3
4	7	5	

Use the column method.

1

3	9	0

2

4	7	6

3

3	6	3

4

4	5	6

5

2	2	4

6

3	3	3

7

2	4	2

8

5	7	9

9

3	8	8

10

3	4	5

11

3	4	6

12

2	6	0

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Use the column method.

1

3	8	6

2

8	8	1

3

5	6	4

4

4	5	5

5

5	6	8

6

2	7	1

7

5	8	8

8

5	5	9

9

4	6	6

10

2	5	3

11

2	3	9

12

2	3	7

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Fractions of amounts

I can... find unit and non-unit fractions of amounts.

To find $\frac{1}{5}$ of 30, divide by the denominator: $30 \div 5 = 6$.

To find $\frac{3}{5}$ of 30, find $\frac{1}{5}$ first, then multiply by the numerator:
 $6 \times 3 = 18$.

Top tip: Divide by the bottom, times by the top.

Worked example

$\frac{3}{8}$ of 40 = **15**

Key words

fraction

numerator

denominator

unit fraction

equal parts

Work out the answers.

1 $\frac{1}{2}$ of 10 =

2 $\frac{1}{4}$ of 24 =

3 $\frac{1}{2}$ of 6 =

4 $\frac{1}{3}$ of 27 =

5 $\frac{1}{3}$ of 30 =

6 $\frac{1}{2}$ of 12 =

7 $\frac{1}{2}$ of 16 =

8 $\frac{1}{10}$ of 20 =

9 $\frac{1}{10}$ of 80 =

10 $\frac{1}{10}$ of 40 =

11 $\frac{1}{5}$ of 45 =

12 $\frac{1}{5}$ of 50 =

13 $\frac{1}{8}$ of 72 =

14 $\frac{1}{4}$ of 32 =

15 $\frac{1}{8}$ of 64 =

16 $\frac{1}{8}$ of 32 =

17 $\frac{1}{5}$ of 20 =

18 $\frac{1}{3}$ of 9 =

19 $\frac{1}{10}$ of 50 =

20 $\frac{1}{2}$ of 4 =

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Work out the answers.

1 $\frac{2}{5}$ of 20 =

2 $\frac{7}{8}$ of 48 =

3 $\frac{2}{5}$ of 25 =

4 $\frac{4}{5}$ of 20 =

5 $\frac{2}{3}$ of 6 =

6 $\frac{3}{4}$ of 24 =

7 $\frac{3}{5}$ of 30 =

8 $\frac{2}{3}$ of 18 =

9 $\frac{7}{10}$ of 70 =

10 $\frac{4}{5}$ of 25 =

11 $\frac{2}{3}$ of 9 =

12 $\frac{3}{8}$ of 56 =

13 $\frac{7}{10}$ of 20 =

14 $\frac{3}{8}$ of 48 =

15 $\frac{3}{4}$ of 40 =

16 $\frac{3}{4}$ of 28 =

17 $\frac{9}{10}$ of 70 =

18 $\frac{2}{3}$ of 27 =

19 $\frac{7}{8}$ of 72 =

20 $\frac{3}{10}$ of 50 =

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Adding and subtracting fractions

I can... add and subtract fractions with the same denominator.

When the denominators are the same, add or subtract the numerators only. The denominator stays the same.

$$5/7 + 1/7 = 6/7. \quad 6/8 - 2/8 = 4/8.$$

Top tip: Never add the denominators.

Worked example

$$5/9 + 3/9 = \boxed{8/9}$$

Key words

numerator

denominator

add

subtract

same

Work out the answers.

1 $6/10 + 3/10 =$

2 $2/5 + 1/5 =$

3 $2/4 + 1/4 =$

4 $7/9 + 1/9 =$

5 $3/7 + 1/7 =$

6 $1/4 + 1/4 =$

7 $3/9 + 1/9 =$

8 $3/8 + 2/8 =$

9 $3/5 + 1/5 =$

10 $1/9 + 6/9 =$

11 $1/4 + 2/4 =$

12 $5/7 + 1/7 =$

13 $2/8 + 2/8 =$

14 $4/6 + 1/6 =$

15 $5/8 + 2/8 =$

16 $2/6 + 2/6 =$

17 $4/11 + 6/11 =$

18 $1/11 + 5/11 =$

19 $6/8 + 1/8 =$

20 $3/7 + 3/7 =$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Work out the answers.

1 $8/10 + \square = 9/10$

2 $2/5 + \square = 4/5$

3 $4/10 + \square = 7/10$

4 $4/5 - \square = 2/5$

5 $7/8 - \square = 4/8$

6 $9/12 + \square = 10/12$

7 $2/9 - 1/9 = \square$

8 $7/9 - \square = 6/9$

9 $2/4 - 1/4 = \square$

10 $5/6 - 2/6 = \square$

11 $7/8 - \square = 6/8$

12 $4/6 + \square = 5/6$

13 $6/7 - \square = 4/7$

14 $6/9 - 5/9 = \square$

15 $7/11 + \square = 10/11$

16 $6/7 - \square = 5/7$

17 $4/4 - 1/4 = \square$

18 $9/10 - 4/10 = \square$

19 $4/5 - 2/5 = \square$

20 $3/7 + \square = 4/7$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Tenths

I can... count in tenths and divide by 10 to make tenths.

When you divide one whole into 10 equal parts, each part is $\frac{1}{10}$ (one tenth).

Count in tenths: $\frac{1}{10}$, $\frac{2}{10}$, $\frac{3}{10}$... $\frac{9}{10}$, $\frac{10}{10}$. $\frac{10}{10}$ is 1 whole.

Top tip: $3 \div 10 = \frac{3}{10}$.

Key words

tenth

divide by 10

count

whole

Worked example

$$7 \div 10 = \boxed{\frac{7}{10}}$$

Work out the answers.

1 $1/10$ of 30 =

2 $6 \div 10 =$

3 8 tenths = /10

4 $5 \div 10 =$

5 $1/10$ of 10 =

6 $3 \div 10 =$

7 $2 \div 10 =$

8 $9 \div 10 =$

9 $1/10$ of 40 =

10 $1/10$ of 20 =

11 $1 \div 10 =$

12 $1/10$ of 90 =

13 9 tenths = /10

14 $4 \div 10 =$

15 $1/10$ of 70 =

16 $7 \div 10 =$

17 3 tenths = /10

18 $8 \div 10 =$

19 2 tenths = /10

20 5 tenths = /10

How did I do? ☐ Tried ☐ Nearly ☐ Got it!

Complete the sequences.

1 , $4/10$, $5/10$, $6/10$,

2 , $9/10$, $8/10$, , $6/10$

3 , $9/10$, $8/10$, $7/10$,

4 , $6/10$, $5/10$, , $3/10$

5 $3/10$, $4/10$, , $6/10$,

6 1, $9/10$, , $7/10$,

7 $6/10$, $7/10$, , $9/10$,

8 $4/10$, $3/10$, , , 0

9 $5/10$, $6/10$, $7/10$, ,

10 $1/10$, $2/10$, , , $5/10$

11 1, $9/10$, , , $6/10$

12 $4/10$, , , $7/10$, $8/10$

13 $2/10$, $3/10$, , , $6/10$

14 , $7/10$, , $9/10$, 1

15 , $3/10$, $2/10$, , 0

16 , $2/10$, $3/10$, , $5/10$

How did I do? ☐ Tried ☐ Nearly ☐ Got it!



CHECK

End test

End test

Name _____ Date _____ Score _____ / 20

Work out the answers.

1 $875 + 1 = \square$

2 $406 - 9 = \square$

3 $8 \times 8 = \square$

4 $18 \div 3 = \square$

5 $40 \div \square = 5$

6 $60 \times 3 = \square$

7 $\square \times 30 = 120$

8 $\frac{1}{3}$ of 6 = $\square$

9 $\frac{2}{3}$ of 27 = $\square$

10 $\frac{1}{10} + \frac{7}{10} = \square$

11 $\frac{2}{4} + \square = \frac{3}{4}$

12 3 tenths = $\square$ / 10

13 $\square$, $\square$, $\frac{2}{10}$, $\frac{1}{10}$, 0

14

		4	9	9
+		4	9	8

15

		4	9	0
+		2	9	1

16

		8	1	6
-		5	0	6

17

	2	3
x		3

18

		5	3
x			4

19

2	2	2

20

5	8	6

**Start test**

1 565 2 8 3 3 4 40 5 80 6 80 7 2 8 8 9 3/5 10
7/12 11 8/10 12 8/10; 7/10 13 658 14 551 15 617 16
63 17 63 18 198 19 17r1 20 10r5

Unit 1 · Sheet A — Mental adding and subtracting

1 539 2 456 3 384 4 770 5 836 6 290 7 476 8 497
9 393 10 935 11 100 12 803 13 749 14 144 15 892 16
496 17 249 18 104 19 346 20 771

Unit 1 · Sheet B — Mental adding and subtracting

1 507 2 604 3 476 4 260 5 483 6 454 7 487 8 697
9 693 10 859 11 362 12 841 13 816 14 495 15 108 16
381 17 729 18 59 19 763 20 165

Unit 2 · Sheet A — Column addition

1 767 2 861 3 979 4 995 5 683 6 474 7 901 8 961 9
577 10 895 11 965 12 767

Unit 2 · Sheet B — Column addition

1 712 2 234 3 684 4 877 5 720 6 686 7 907 8 928 9
959 10 815 11 792 12 976

Unit 3 · Sheet A — Column subtraction

1 222 2 402 3 301 4 196 5 107 6 400 7 602 8 691
9 736 10 204 11 251 12 449

Unit 3 · Sheet B — Column subtraction

1 167 2 219 3 58 4 107 5 448 6 150 7 737 8 599 9
58 10 176 11 391 12 52

Unit 4 · Sheet A — The 3, 4 and 8 times tables

1 32 2 12 3 12 4 24 5 16 6 15 7 24 8 80 9 24 10
20 11 72 12 15 13 80 14 88 15 16 16 18 17 36 18 8
19 40 20 4

Unit 4 · Sheet B — The 3, 4 and 8 times tables

1 10 2 6 3 3 4 7 5 8 6 4 7 6 8 8 9 9 10 5 11 2
12 11 13 8 14 3 15 3 16 5 17 9 18 4 19 4 20 3

Unit 5 · Sheet A — Dividing by 3, 4 and 8

1 4 2 10 3 9 4 7 5 11 6 2 7 11 8 3 9 8 10 9 11 4
12 5 13 12 14 2 15 11 16 6 17 1 18 9 19 8 20 3

Unit 5 · Sheet B — Dividing by 3, 4 and 8

1 4 2 8 3 36 4 3 5 8 6 33 7 3 8 4 9 64 10 88 11
3 12 8 13 3 14 8 15 4 16 4 17 4 18 3 19 8 20 4

Unit 6 · Sheet A — Multiplying by multiples of 10

1 240 2 250 3 160 4 720 5 360 6 240 7 200 8 640
9 150 10 600 11 80 12 200 13 450 14 300 15 200
16 250 17 180 18 180 19 400 20 120

Unit 6 · Sheet B — Multiplying by multiples of 10

1 20 2 8 3 70 4 20 5 60 6 4 7 70 8 8 9 8 10 60
11 3 12 8 13 90 14 8 15 40 16 50 17 4 18 60 19
70 20 3

Unit 7 · Sheet A — Multiplying 2-digit numbers

1 176 2 93 3 234 4 288 5 96 6 128 7 42 8 84 9
270 10 168 11 36 12 63

Unit 7 · Sheet B — Multiplying 2-digit numbers

1 352 2 552 3 396 4 295 5 120 6 584 7 704 8 114 9
184 10 236 11 125 12 76

Unit 8 · Sheet A — Dividing 2-digit numbers

1 30 2 19 3 21 4 14 5 12 6 11 7 21 8 15r4 9 29r1
10 15 11 15r1 12 30

Unit 8 · Sheet B — Dividing 2-digit numbers

1 28r2 2 10r1 3 12r4 4 13r3 5 13r3 6 35r1 7 17r
3 8 11r4 9 16r2 10 26r1 11 19r1 12 18r1

Unit 9 · Sheet A — Fractions of amounts

1 5 2 6 3 3 4 9 5 10 6 6 7 8 8 2 9 8 10 4 11 9
12 10 13 9 14 8 15 8 16 4 17 4 18 3 19 5 20 2

Unit 9 · Sheet B — Fractions of amounts

1 8 2 42 3 10 4 16 5 4 6 18 7 18 8 12 9 49 10 20
11 6 12 21 13 14 14 18 15 30 16 21 17 63 18 18 19
63 20 15

Unit 10 · Sheet A — Adding and subtracting fractions

1 9/10 2 3/5 3 3/4 4 8/9 5 4/7 6 2/4 7 4/9 8 5/8
9 4/5 10 7/9 11 3/4 12 6/7 13 4/8 14 5/6 15 7/8 16
4/6 17 10/11 18 6/11 19 7/8 20 6/7

Unit 10 · Sheet B — Adding and subtracting fractions

1 1/10 2 2/5 3 3/10 4 2/5 5 3/8 6 1/12 7 1/9 8
1/9 9 1/4 10 3/6 11 1/8 12 1/6 13 2/7 14 1/9 15
3/11 16 1/7 17 3/4 18 5/10 19 2/5 20 1/7

Unit 11 · Sheet A — Tenths

1 3 2 6/10 3 8 4 5/10 5 1 6 3/10 7 2/10 8 9/10 9
4 10 2 11 1/10 12 9 13 9 14 4/10 15 7 16 7/10 17
3 18 8/10 19 2 20 5

Unit 11 · Sheet B — Tenths

1 3/10; 7/10 2 1/7; 10 3 1/6; 10 4 7/10; 4/10 5 5/10;
7/10 6 8/10; 6/10 7 8/10; 1 8 2/10; 1/10 9 8/10; 9/10
10 3/10; 4/10 11 8/10; 7/10 12 5/10; 6/10 13 4/10; 5/10
14 6/10; 8/10 15 4/10; 1/10 16 1/10; 4/10

End test

1 876 2 397 3 64 4 6 5 8 6 180 7 4 8 2 9 18 10
8/10 11 1/4 12 3 13 4/10; 3/10 14 997 15 781 16 310
17 69 18 212 19 11 20 17r1