



BRITISH LEARNING CENTRE

YEAR 4

Arithmetic

Workbook

This book helps you practise written methods, times tables, fractions and decimals from the Year 4 curriculum.

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	Column addition I can add numbers with up to four digits using the column method.			
2	Column subtraction I can subtract numbers with up to four digits using the column method.			
3	Times tables to 12×12 I can recall multiplication facts up to 12×12 .			
4	Division facts I can use times tables to answer division facts.			
5	Multiplying by 0 and 1 I can multiply by 0 and 1 and multiply three numbers.			
6	Multiplying and dividing by 10, 100 I can multiply and divide numbers by 10 and 100.			
7	Short multiplication I can multiply 2-digit and 3-digit numbers by a 1-digit number.			
8	Short division I can divide 2-digit and 3-digit numbers by a 1-digit number.			
9	Adding and subtracting fractions I can add and subtract fractions with the same denominator.			
10	Fractions of amounts I can find a fraction of an amount.			
11	Tenths and hundredths I can write tenths and hundredths as decimals.			
12	Mixed practice I can choose a good method to answer different questions.			



CHECK

Start test

Start test

Name _____ Date _____ Score _____ / 20

Work out the answers. Show your working.

1 $8 \times 12 = \boxed{}$

2 $32 \div 8 = \boxed{}$

3 $0 \times 26 = \boxed{}$

4 $5 \times 5 \times 6 = \boxed{}$

5 $44 \times 100 = \boxed{}$

6 $\boxed{} \times 10 = 880$

7 $1/11 + 4/11 = \boxed{}$

8 $2/4 - 1/4 = \boxed{}$

9 $1/7$ of 35 = $\boxed{}$

10 $7/9$ of 18 = $\boxed{}$

11 $51/100 = \boxed{}$

12 $1/10 + 4/100 = \boxed{}$

13 $478 - 14 = \boxed{}$

14 $6 = 2 \times \boxed{}$

15

		1	0	5
+		6	3	7

16

		8	5	3
-		7	6	9

17

		8	4	8
x				7

18

2	1	5	0	

19

		2	9
x			6

20

3	8	7	

1

UNIT 1 · LEARN IT

Column addition

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

Write the numbers in columns: ones under ones, tens under tens.

Start with the ones. If a column makes 10 or more, exchange 10 for 1 in the next column.

Top tip: Always start adding on the right, in the ones column.

Key words

add

column

digit

exchange

total

Worked example

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

Use the column method.

1

		1	8	9
+		5	1	5

2

	1	0	5	3
+		6	3	0

3

		2	5	3	1
+		2	5	6	0

4

		4	4	0
+		2	3	7

5

	7	4	8	8
+		2	0	2

6

		1	1	2	4
+		3	9	3	4

7

		7	7	5
+		6	9	9

8

	4	0	0	9
+		2	9	5

9

		3	1	6	9
+		5	9	5	1

10

		5	1	8
+		8	6	2

11

	5	3	7	5
+		6	6	9

12

		1	7	5	1
+		5	5	4	1

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

Use the column method.

1

		5	8	4	9
+		1	4	8	5

2

	1	2	8	4
+		8	2	8

3

		5	1	4	8
+		2	9	8	2

4

	8	7	1	9
+		7	8	8

5

		6	9	6	6
+		2	3	3	8

6

	3	4	5	8
+		6	9	8

7

		4	3	5	4
+		4	6	9	9

8

	6	8	3	7
+		8	7	3

9

		1	6	7	9
+		2	5	7	4

10

	6	8	1	8
+		2	8	6

11

		3	5	7	3
+		5	7	5	9

12

	4	2	5	8
+		9	6	5

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

2

UNIT 2 · LEARN IT

Column subtraction

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

Write the bigger number on top. Start with the ones.

If the top digit is smaller, exchange 1 from the next column. It becomes 10 in your column.

Top tip: Check your answer: add it to the number you took away.

Key words

subtract

column

exchange

difference

Worked example

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

Use the column method.

1

		5	7	0
-		2	2	7

2

	2	2	0	2
-		5	1	8

3

		7	5	1	5
-		2	1	9	1

4

		6	0	7
-		1	2	2

5

	8	5	1	7
-		9	2	6

6

		9	2	3	0
-		7	9	0	8

7

		9	9	3
-		5	6	5

8

	6	9	1	5
-		9	5	9

9

		8	2	0	3
-		6	4	9	6

10

		8	2	4
-		5	9	7

11

	3	2	4	1
-		4	3	2

12

		9	0	3	1
-		3	3	4	0

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

Use the column method.

1

	2	0	8	0
-		8	0	2

2

		6	0	2	7
-		3	9	7	2

3

	2	0	0	3
-		6	7	0

4

		9	2	8	6
-		5	8	9	9

5

	2	5	0	0
-		5	0	4

6

		9	9	1	6
-		7	2	8	7

7

	9	0	0	6
-		7	1	9

8

		9	3	5	8
-		1	6	6	4

9

	3	5	0	0
-		7	6	2

10

		8	3	6	6
-		5	5	9	9

11

	6	0	4	0
-		1	9	5

12

		8	3	8	0
-		5	4	0	8

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

Times tables to 12×12

I can... recall multiplication facts up to 12×12 .

You need to know all the times tables up to 12×12 .

Each fact works both ways: $7 \times 8 = 56$ and $8 \times 7 = 56$.

Top tip: Learn a few facts each day and say them out loud.

Worked example

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

Key words

multiply

times table

fact

product

Work out the answers.

1 $7 \times 2 =$

2 $4 \times 11 =$

3 $5 \times 4 =$

4 $7 \times 4 =$

5 $5 \times 5 =$

6 $2 \times 2 =$

7 $8 \times 10 =$

8 $6 \times 10 =$

9 $4 \times 5 =$

10 $10 \times 3 =$

11 $4 \times 2 =$

12 $6 \times 8 =$

13 $12 \times 3 =$

14 $4 \times 8 =$

15 $5 \times 9 =$

16 $12 \times 4 =$

17 $5 \times 2 =$

18 $10 \times 9 =$

19 $2 \times 4 =$

20 $2 \times 9 =$

21 $7 \times 3 =$

22 $9 \times 2 =$

23 $11 \times 5 =$

24 $5 \times 8 =$

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

Find the missing numbers.

1 $6 \times \square = 18$

2 $25 = 5 \times \square$

3 $\square \times 10 = 30$

4 $\square \times 12 = 144$

5 $70 = 7 \times \square$

6 $11 \times \square = 33$

7 $3 \times \square = 18$

8 $80 = 10 \times \square$

9 $4 \times \square = 24$

10 $\square \times 2 = 16$

11 $12 \times \square = 144$

12 $80 = 8 \times \square$

13 $63 = 7 \times \square$

14 $\square \times 7 = 35$

15 $36 = 3 \times \square$

16 $48 = 8 \times \square$

17 $16 = 4 \times \square$

18 $110 = 10 \times \square$

19 $9 \times \square = 36$

20 $\square \times 8 = 16$

21 $9 \times \square = 63$

22 $12 \times \square = 108$

23 $18 = 6 \times \square$

24 $\square \times 11 = 99$

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

Division facts

I can... use times tables to answer division facts.

Division is the inverse of multiplication.

If you know $6 \times 9 = 54$, then you know $54 \div 9 = 6$ and $54 \div 6 = 9$.

Top tip: Ask yourself: what times the divisor makes this number?

Worked example

$$54 \div 9 = \boxed{6}$$

Key words

divide

share

division fact

inverse

Work out the answers.

1 $64 \div 8 =$

2 $12 \div 4 =$

3 $72 \div 6 =$

4 $40 \div 4 =$

5 $12 \div 2 =$

6 $16 \div 8 =$

7 $44 \div 4 =$

8 $24 \div 2 =$

9 $21 \div 7 =$

10 $27 \div 9 =$

11 $18 \div 2 =$

12 $99 \div 9 =$

13 $55 \div 5 =$

14 $22 \div 2 =$

15 $110 \div 11 =$

16 $36 \div 9 =$

17 $45 \div 9 =$

18 $132 \div 11 =$

19 $88 \div 11 =$

20 $36 \div 6 =$

21 $6 \div 2 =$

22 $10 \div 2 =$

23 $144 \div 12 =$

24 $96 \div 8 =$

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

Find the missing numbers.

1 $\square \div 8 = 3$

2 $10 \div \square = 2$

3 $\square \div 10 = 4$

4 $\square \div 9 = 5$

5 $25 \div \square = 5$

6 $30 \div \square = 3$

7 $\square \div 10 = 6$

8 $45 \div \square = 9$

9 $60 \div \square = 12$

10 $\square \div 4 = 4$

11 $36 \div \square = 4$

12 $\square \div 7 = 10$

13 $90 \div \square = 9$

14 $\square \div 10 = 9$

15 $56 \div \square = 7$

16 $18 \div \square = 3$

17 $\square \div 7 = 3$

18 $\square \div 10 = 2$

19 $96 \div \square = 8$

20 $\square \div 3 = 7$

21 $77 \div \square = 7$

22 $6 \div \square = 2$

23 $70 \div \square = 10$

24 $54 \div \square = 9$

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

Multiplying by 0 and 1

I can... multiply by 0 and 1 and multiply three numbers.

Any number $\times 1$ stays the same. Any number $\times 0$ is 0.

To multiply three numbers, multiply two of them first. Then multiply the answer by the third number.

Top tip: Look for an easy pair first, like $5 \times 2 = 10$.

Worked example

$$5 \times 7 \times 2 = \boxed{70}$$

Key words

zero

one

multiply

three numbers

Work out the answers.

1 $1 \times 2 =$

2 $9 \div 9 =$

3 $3 \times 4 \times 5 =$

4 $1 \times 32 =$

5 $1 \times 54 =$

6 $3 \times 4 \times 3 =$

7 $89 \div 89 =$

8 $9 \times 0 =$

9 $4 \times 2 \times 2 =$

10 $1 \times 49 =$

11 $80 \times 0 =$

12 $2 \times 5 \times 3 =$

13 $44 \div 44 =$

14 $1 \times 68 =$

15 $5 \times 4 \times 3 =$

16 $43 \times 1 =$

17 $47 \times 1 =$

18 $2 \times 2 \times 4 =$

19 $1 \times 95 =$

20 $1 \times 40 =$

21 $2 \times 5 \times 4 =$

22 $52 \div 52 =$

23 $31 \div 1 =$

24 $3 \times 3 \times 4 =$

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

Work out the answers.

1 $4 \times 8 \times 5 = \square$

2 $7 \times 5 \times 8 = \square$

3 $6 \times \square \times 6 = 216$

4 $4 \times 9 \times 6 = \square$

5 $5 \times 2 \times 2 = \square$

6 $4 \times \square \times 9 = 216$

7 $2 \times 7 \times 6 = \square$

8 $2 \times 5 \times 6 = \square$

9 $5 \times \square \times 7 = 105$

10 $6 \times 3 \times 4 = \square$

11 $8 \times 7 \times 4 = \square$

12 $6 \times \square \times 4 = 120$

13 $2 \times 5 \times 3 = \square$

14 $5 \times 4 \times 9 = \square$

15 $2 \times \square \times 5 = 60$

16 $2 \times 9 \times 4 = \square$

17 $3 \times 8 \times 4 = \square$

18 $4 \times \square \times 7 = 140$

19 $4 \times 8 \times 3 = \square$

20 $4 \times 3 \times 9 = \square$

21 $4 \times \square \times 6 = 96$

22 $3 \times 9 \times 6 = \square$

23 $4 \times 4 \times 6 = \square$

24 $3 \times \square \times 6 = 54$

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

Multiplying and dividing by 10, 100

I can... multiply and divide numbers by 10 and 100.

When you multiply by 10, each digit moves one place to the left. By 100, it moves two places.

When you divide, the digits move right. $7 \div 10 = 0.7$ (7 tenths) and $7 \div 100 = 0.07$ (7 hundredths).

Top tip: The digits move. The decimal point stays still.

Key words

place value

tenths

hundredths

decimal point

Worked example

$$35 \div 10 = \boxed{3.5}$$

Work out the answers.

1 $1100 \div 100 =$

2 $828 \times 10 =$

3 $52 \times 10 =$

4 $63 \times 100 =$

5 $87 \times 100 =$

6 $1110 \div 10 =$

7 $73 \times 100 =$

8 $674 \times 10 =$

9 $2900 \div 100 =$

10 $1090 \div 10 =$

11 $51 \times 100 =$

12 $3800 \div 100 =$

13 $49 \times 100 =$

14 $9600 \div 100 =$

15 $7740 \div 10 =$

16 $3210 \div 10 =$

17 $94 \times 100 =$

18 $76 \times 100 =$

19 $3790 \div 10 =$

20 $5010 \div 10 =$

21 $1420 \div 10 =$

22 $9040 \div 10 =$

23 $1350 \div 10 =$

24 $179 \times 10 =$

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

Work out the answers.

1 $74 \div 100 = \boxed{}$

2 $27 \div 10 = \boxed{}$

3 $21 \div 10 = \boxed{}$

4 $69 \div 100 = \boxed{}$

5 $45 \div 10 = \boxed{}$

6 $\boxed{} \times 10 = 440$

7 $\boxed{} \times 10 = 410$

8 $36 \div 10 = \boxed{}$

9 $\boxed{} \times 10 = 820$

10 $56 \div 10 = \boxed{}$

11 $3 \div 100 = \boxed{}$

12 $89 \div 10 = \boxed{}$

13 $\boxed{} \times 10 = 870$

14 $61 \div 10 = \boxed{}$

15 $17 \div 10 = \boxed{}$

16 $\boxed{} \times 10 = 120$

17 $81 \div 10 = \boxed{}$

18 $31 \div 10 = \boxed{}$

19 $\boxed{} \times 10 = 190$

20 $13 \div 100 = \boxed{}$

21 $\boxed{} \times 10 = 770$

22 $\boxed{} \times 10 = 20$

23 $37 \div 10 = \boxed{}$

24 $\boxed{} \times 10 = 310$

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

Short multiplication

I can... multiply 2-digit and 3-digit numbers by a 1-digit number.

Write the 1-digit number under the ones. Multiply the ones first, then the tens, then the hundreds.

If an answer is 10 or more, write the ones and carry the tens to the next column.

Top tip: Add the carried number after you multiply.

Key words

multiply

short multiplication

carry

digit

Worked example

		2	4	7
×				6
	1	4	8	2

Use the column method.

1

		2	2
x			8

2

		8	8
x			9

3

		4	6	3
x				4

4

		4	2
x			9

5

		6	1
x			8

6

		2	2	3
x				5

7

		3	2
x			9

8

		5	8
x			9

9

	2	7	7
x			3

10

		7	9
x			5

11

		1	9
x			9

12

		2	6	6
x				5

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

Use the column method.

1

		6	7	9
x				7

2

		1	0	6
x				7

3

		5	8	2
x				6

4

		6	1	4
x				8

5

		7	6	6
x				8

6

		6	3	6
x				8

7

		3	4	2
x				8

8

		1	5	5
x				7

9

		3	3	4
x				6

10

		9	2	8
x				6

11

		3	9	3
x				6

12

		3	0	2
x				6

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

Short division

I can... divide 2-digit and 3-digit numbers by a 1-digit number.

Write the number inside the bus stop and the divisor outside.
Start with the digit on the left.

If a digit does not divide exactly, carry what is left to the next digit.

Top tip: Use your times tables to help you.

Key words

divide

short division

divisor

remainder

Worked example

	1	8	9
4	7	5	6

Use short division.

1

4	9	2

2

5	1	1	5

3

6	6	0

4

5	9	3	0

5

4	5	6

6

2	7	1	2

7

3	9	6

8

4	6	2	4

9

3	9	9

10

2	5	9	4

11

4	7	6

12

5	3	1	0

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

Use short division.

1

9	8	4	6

2

7	7	4	2

3

6	5	2	2

4

9	4	8	6

5

6	6	9	6

6

7	8	2	6

7

8	5	9	2

8

9	8	2	8

9

9	3	6	9

10

8	3	8	4

11

8	7	1	2

12

7	6	1	6

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.

The denominator stays the same. $2/7 + 3/7 = 5/7$.

Top tip: Never add the denominators.

Worked example

$$2/7 + 3/7 = \boxed{5/7}$$

Key words

fraction

numerator

denominator

same

Work out the answers.

1 $1/3 + 1/3 =$

2 $8/11 - 5/11 =$

3 $6/10 + 1/10 =$

4 $2/3 - 1/3 =$

5 $2/4 + 1/4 =$

6 $10/11 - 9/11 =$

7 $5/7 + 1/7 =$

8 $7/8 - 2/8 =$

9 $2/6 + 3/6 =$

10 $6/9 - 1/9 =$

11 $4/6 + 1/6 =$

12 $5/10 - 2/10 =$

13 $1/11 + 8/11 =$

14 $2/4 - 1/4 =$

15 $1/7 + 2/7 =$

16 $6/8 - 1/8 =$

17 $4/9 + 4/9 =$

18 $3/6 - 2/6 =$

19 $5/11 + 1/11 =$

20 $10/11 - 6/11 =$

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

Work out the answers.

1 $1/12 + \boxed{}/12 = 10/12$

2 $2/7 + 5/7 = \boxed{}$

3 $4/12 + 8/12 = \boxed{}$

4 $1 - 5/9 = \boxed{}$

5 $1 - 1/4 = \boxed{}$

6 $1 - 3/5 = \boxed{}$

7 $2/4 + 2/4 = \boxed{}$

8 $2/6 + 4/6 = \boxed{}$

9 $1 - 10/11 = \boxed{}$

10 $1 - 1/9 = \boxed{}$

11 $4/5 + 1/5 = \boxed{}$

12 $2/8 + 6/8 = \boxed{}$

13 $1/6 + 5/6 = \boxed{}$

14 $3/10 + \boxed{}/10 = 7/10$

15 $1 - 7/11 = \boxed{}$

16 $1/6 + \boxed{}/6 = 5/6$

17 $1/9 + 3/9 + 3/9 = \boxed{}$

18 $1 - 1/8 = \boxed{}$

19 $4/11 + \boxed{}/11 = 8/11$

20 $1 - 1/5 = \boxed{}$

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

Fractions of amounts

I can... find a fraction of an amount.

To find $\frac{1}{4}$ of 20, divide 20 by 4. The answer is 5.

To find $\frac{3}{4}$ of 20, find $\frac{1}{4}$ first. Then multiply by 3: $5 \times 3 = 15$.

Top tip: Divide by the bottom number. Multiply by the top number.

Key words

fraction

of

divide

multiply

Worked example

$$\frac{3}{4} \text{ of } 20 = \boxed{15}$$

Work out the answers.

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

2 $\frac{1}{9}$ of 63 =

3 $\frac{1}{7}$ of 35 =

4 $\frac{1}{4}$ of 36 =

5 $\frac{1}{2}$ of 12 =

6 $\frac{1}{5}$ of 45 =

7 $\frac{1}{2}$ of 14 =

8 $\frac{1}{3}$ of 27 =

9 $\frac{1}{6}$ of 60 =

10 $\frac{1}{8}$ of 56 =

11 $\frac{1}{9}$ of 36 =

12 $\frac{1}{2}$ of 10 =

13 $\frac{1}{7}$ of 49 =

14 $\frac{1}{4}$ of 12 =

15 $\frac{1}{9}$ of 54 =

16 $\frac{1}{5}$ of 35 =

17 $\frac{1}{8}$ of 48 =

18 $\frac{1}{7}$ of 42 =

19 $\frac{1}{5}$ of 50 =

20 $\frac{1}{3}$ of 6 =

21 $\frac{1}{2}$ of 4 =

22 $\frac{1}{10}$ of 60 =

23 $\frac{1}{10}$ of 30 =

24 $\frac{1}{3}$ of 21 =

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

Work out the answers.

1 $9/10$ of 110 =

2 $4/7$ of 49 =

3 $2/3$ of 12 =

4 $2/3$ of 36 =

5 $9/10$ of 20 =

6 $4/5$ of 20 =

7 $4/7$ of 56 =

8 $2/3$ of 30 =

9 $6/7$ of 70 =

10 $5/6$ of 72 =

11 $3/7$ of 35 =

12 $3/10$ of 70 =

13 $4/7$ of 63 =

14 $4/7$ of 84 =

15 $5/9$ of 81 =

16 $9/10$ of 90 =

17 $5/6$ of 24 =

18 $5/8$ of 88 =

19 $2/5$ of 60 =

20 $3/5$ of 35 =

21 $7/10$ of 40 =

22 $3/10$ of 90 =

23 $2/5$ of 45 =

24 $4/5$ of 15 =

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

Tenths and hundredths

I can... write tenths and hundredths as decimals.

One tenth is $1/10 = 0.1$. One hundredth is $1/100 = 0.01$.

$23/100$ is 2 tenths and 3 hundredths, so $23/100 = 0.23$.

Top tip: Remember: $1/2 = 0.5$, $1/4 = 0.25$ and $3/4 = 0.75$.

Worked example

$$23/100 = \boxed{0.23}$$

Key words

tenth

hundredth

decimal

decimal point

Work out the answers.

1 $0.87 = \boxed{} / 100$

2 $0.3 = \boxed{} / 10$

3 $4/10 = \boxed{}$

4 $7/10 = \boxed{}$

5 $1/10 = \boxed{}$

6 $1/100 = \boxed{}$

7 $2/10 = \boxed{}$

8 $0.8 = \boxed{} / 10$

9 $8/100 = \boxed{}$

10 $0.58 = \boxed{} / 100$

11 $0.9 = \boxed{} / 10$

12 $0.7 = \boxed{} / 10$

13 $42/100 = \boxed{}$

14 $33/100 = \boxed{}$

15 $6/10 = \boxed{}$

16 $0.4 = \boxed{} / 10$

17 $0.5 = \boxed{} / 10$

18 $67/100 = \boxed{}$

19 $54/100 = \boxed{}$

20 $0.22 = \boxed{} / 100$

21 $24/100 = \boxed{}$

22 $4/100 = \boxed{}$

23 $0.6 = \boxed{} / 10$

24 $2/100 = \boxed{}$

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

Work out the answers.

1 $4 \frac{8}{10} =$

2 $8 \frac{21}{100} =$

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

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

5 $2 \frac{1}{10} =$

6 $8 \frac{18}{100} =$

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

8 $5 \frac{9}{10} =$

9 $8 \frac{4}{10} =$

10 $1 \frac{18}{100} =$

11 $\frac{3}{4} =$

12 $\frac{1}{10} + \frac{3}{100} =$

13 $\frac{2}{10} + \frac{2}{100} =$

14 $7 \frac{2}{10} =$

15 $1 \frac{29}{100} =$

16 $3 \frac{42}{100} =$

17 $\div 100 = 0.54$

18 $2 \frac{45}{100} =$

19 $\frac{2}{10} + \frac{3}{100} =$

20 $5 \frac{8}{100} =$

21 $\frac{3}{10} + \frac{4}{100} =$

22 $\div 100 = 0.43$

23 $\frac{9}{10} + \frac{2}{100} =$

24 $3 \frac{73}{100} =$

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

Mixed practice

I can... choose a good method to answer different questions.

Read each question carefully. Look at the sign: +, −, × or ÷.

Some questions are easy to work out in your head. Use a written method for bigger numbers.

Top tip: Check your answer with the inverse operation.

Key words

method

mental

written

check

Worked example

		3	5	8	4
−		1	9	2	9
		1	6	5	5

Work out the answers.

1 $6 \times 7 =$

2 $121 \div 11 =$

3 $975 \times 10 =$

4 $1/7$ of 49 =

5 $5/11 + 5/11 =$

6 $412 - 30 =$

7 $9 \times 7 =$

8 $21 \div 7 =$

9 $1800 \div 100 =$

10 $1/9$ of 72 =

11 $3/9 + 5/9 =$

12 $944 - 85 =$

13 $8 \times 11 =$

14 $72 \div 8 =$

15 $810 \div 10 =$

16 $1/9$ of 18 =

17 $2/5 + 2/5 =$

18 $755 - 83 =$

19 $9 \times 9 =$

20 $60 \div 10 =$

21 $1420 \div 10 =$

22 $1/9$ of 81 =

23 $3/5 + 1/5 =$

24 $969 + 99 =$

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

Work out the answers. Show your working.

1

	7	9	7	6
+		8	6	4

2

	8	2	2	0
-		6	3	8

3

		2	0	9
x				9

4

8	5	6	8

5

	6	6	3	6
+		7	4	8

6

	8	6	5	0
-		5	7	6

7

		4	4	1
x				4

8

3	4	2	0

9

	1	0	7	5
+		7	7	6

10

	2	3	0	5
-		3	3	2

11

		4	1	7
x				7

12

6	8	7	6

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



CHECK

End test

End test

Name _____ Date _____ Score _____ / 20

Work out the answers. Show your working.

1 $5 \times 5 = \square$

2 $20 \div 5 = \square$

3 $0 \times 13 = \square$

4 $6 \times 3 \times 5 = \square$

5 $1500 \div 10 = \square$

6 $\square \times 10 = 230$

7 $1/9 + 3/9 = \square$

8 $4/5 - 3/5 = \square$

9 $1/7$ of 35 = $\square$

10 $5/9$ of 99 = $\square$

11 $37/100 = \square$

12 $7 \frac{8}{10} = \square$

13 $107 - 78 = \square$

14 $40 = 10 \times \square$

15

		7	5	4
+		3	6	9

16

		9	1	1
-		8	6	7

17

		7	0	8
x				9

18

7	8	2	6	

19

		8	7
x			9

20

6	7	8	

**Start test**

1 96 2 4 3 0 4 150 5 4400 6 88 7 $5\frac{1}{11}$ 8 $1\frac{1}{4}$ 9 5
10 14 11 0.51 12 0.14 13 464 14 3 15 742 16 84 17
5936 18 75 19 174 20 29

Unit 1 · Sheet A — Column addition

1 704 2 1683 3 5091 4 677 5 7690 6 5058 7 1474 8
4304 9 9120 10 1380 11 6044 12 7292

Unit 1 · Sheet B — Column addition

1 7334 2 2112 3 8130 4 9507 5 9304 6 4156 7 9053
8 7710 9 4253 10 7104 11 9332 12 5223

Unit 2 · Sheet A — Column subtraction

1 343 2 1684 3 5324 4 485 5 7591 6 1322 7 428 8
5956 9 1707 10 227 11 2809 12 5691

Unit 2 · Sheet B — Column subtraction

1 1278 2 2055 3 1333 4 3387 5 1996 6 2629 7 8287
8 7694 9 2738 10 2767 11 5845 12 2972

Unit 3 · Sheet A — Times tables to 12 × 12

1 14 2 44 3 20 4 28 5 25 6 4 7 80 8 60 9 20 10
30 11 8 12 48 13 36 14 32 15 45 16 48 17 10 18
90 19 8 20 18 21 21 22 18 23 55 24 40

Unit 3 · Sheet B — Times tables to 12 × 12

1 3 2 5 3 3 4 12 5 10 6 3 7 6 8 8 9 6 10 8 11 12
12 10 13 9 14 5 15 12 16 6 17 4 18 11 19 4 20 2 21
7 22 9 23 3 24 9

Unit 4 · Sheet A — Division facts

1 8 2 3 3 12 4 10 5 6 6 2 7 11 8 12 9 3 10 3 11
9 12 11 13 11 14 11 15 10 16 4 17 5 18 12 19 8 20
6 21 3 22 5 23 12 24 12

Unit 4 · Sheet B — Division facts

1 24 2 5 3 40 4 45 5 5 6 10 7 60 8 5 9 5 10 16
11 9 12 70 13 10 14 90 15 8 16 6 17 21 18 20 19
12 20 21 21 11 22 3 23 7 24 6

Unit 5 · Sheet A — Multiplying by 0 and 1

1 2 2 1 3 60 4 32 5 54 6 36 7 1 8 0 9 16 10 49
11 0 12 30 13 1 14 68 15 60 16 43 17 47 18 16 19
95 20 40 21 40 22 1 23 31 24 36

Unit 5 · Sheet B — Multiplying by 0 and 1

1 160 2 280 3 6 4 216 5 20 6 6 7 84 8 60 9 3 10
72 11 224 12 5 13 30 14 180 15 6 16 72 17 96 18
5 19 96 20 108 21 4 22 162 23 96 24 3

Unit 6 · Sheet A — Multiplying and dividing by 10, 100

1 11 2 8280 3 520 4 6300 5 8700 6 111 7 7300 8
6740 9 29 10 109 11 5100 12 38 13 4900 14 96 15
774 16 321 17 9400 18 7600 19 379 20 501 21 142
22 904 23 135 24 1790

Unit 6 · Sheet B — Multiplying and dividing by 10, 100

1 0.74 2 2.7 3 2.1 4 0.69 5 4.5 6 44 7 41 8 3.6 9 82
10 5.6 11 0.03 12 8.9 13 87 14 6.1 15 1.7 16 12 17 8.1
18 3.1 19 19 20 0.13 21 77 22 2 23 3.7 24 31

Unit 7 · Sheet A — Short multiplication

1 176 2 792 3 1852 4 378 5 488 6 1115 7 288 8 522
9 831 10 395 11 171 12 1330

Unit 7 · Sheet B — Short multiplication

1 4753 2 742 3 3492 4 4912 5 6128 6 5088 7 2736 8
1085 9 2004 10 5568 11 2358 12 1812

Unit 8 · Sheet A — Short division

1 23 2 23 3 10 4 186 5 14 6 356 7 32 8 156 9 33
10 297 11 19 12 62

Unit 8 · Sheet B — Short division

1 94 2 106 3 87 4 54 5 116 6 118 7 74 8 92 9 41 10
48 11 89 12 88

Unit 9 · Sheet A — Adding and subtracting fractions

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

Unit 9 · Sheet B — Adding and subtracting fractions

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

Unit 10 · Sheet A — Fractions of amounts

1 12 2 7 3 5 4 9 5 6 6 9 7 7 8 9 9 10 10 7 11 4
12 5 13 7 14 3 15 6 16 7 17 6 18 6 19 10 20 2 21
2 22 6 23 3 24 7

Unit 10 · Sheet B — Fractions of amounts

1 99 2 28 3 8 4 24 5 18 6 16 7 32 8 20 9 60 10
60 11 15 12 21 13 36 14 48 15 45 16 81 17 20 18
55 19 24 20 21 21 28 22 27 23 18 24 12

Unit 11 · Sheet A — Tenths and hundredths

1 87 2 3 3 0.4 4 0.7 5 0.1 6 0.01 7 0.2 8 8 9 0.08
10 58 11 9 12 7 13 0.42 14 0.33 15 0.6 16 4 17 5 18
0.67 19 0.54 20 22 21 0.24 22 0.04 23 6 24 0.02

Unit 11 · Sheet B — Tenths and hundredths

1 4.8 2 8.21 3 0.25 4 0.5 5 2.1 6 8.18 7 9.7 8 5.9 9
8.4 10 1.18 11 0.75 12 0.13 13 0.22 14 7.2 15 1.29 16
3.42 17 54 18 2.45 19 0.23 20 5.08 21 0.34 22 43 23
0.92 24 3.73

Unit 12 · Sheet A — Mixed practice

1 42 2 11 3 9750 4 7 5 10/11 6 382 7 63 8 3 9 18
10 8 11 8/9 12 859 13 88 14 9 15 81 16 2 17 4/5 18
672 19 81 20 6 21 142 22 9 23 4/5 24 1068

Unit 12 · Sheet B — Mixed practice

1 8840 2 7582 3 1881 4 71 5 7384 6 8074 7 1764 8
140 9 1851 10 1973 11 2919 12 146

End test

1 25 2 4 3 0 4 90 5 150 6 23 7 4/9 8 1/5 9 5 10
55 11 0.37 12 7.8 13 29 14 4 15 1123 16 44 17 6372
18 118 19 783 20 13