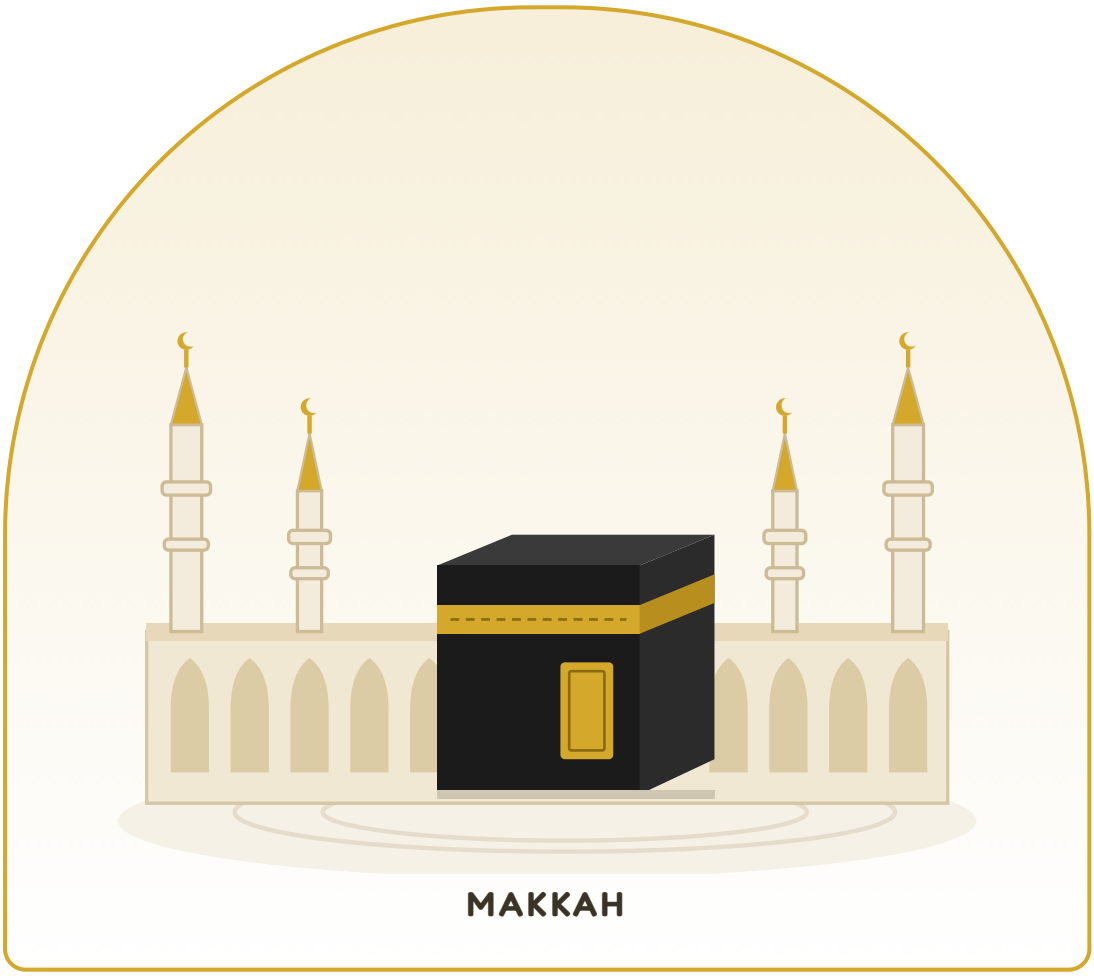
Adam's Maths

Learning, growing, alhamdulillah

Key Stage 2 · Ages 8–9

Year 4 · Term 1

Practice & Question Book



Name: _____

Place value to 10,000 · Adding and taking away · Area · Times tables to 12



Assalamu alaikum! I'm Adam.

Welcome to your Year 4, Term 1 maths book. This term our journey takes us to **Makkah**. I've filled this book with puzzles to practise everything you're learning in class.

- Say **Bismillah** and do **one page** at a time.
- Read **Adam's tip** at the top and write your answers in the ☐ boxes.
- Colour the stars when you finish:
  - ★ Keep trying, insha'Allah
  - ★★ Alhamdulillah, good
  - ★★★ Mashallah, excellent!

My star tracker

Page	Topic	Stars
3	Place value to 10,000 (part 1)	☆☆☆
4	Place value to 10,000 (part 2)	☆☆☆
5	Place value to 10,000 (part 3)	☆☆☆
6	Place value to 10,000 (part 4)	☆☆☆
7	Place value to 10,000 (part 5)	☆☆☆
8	Place value to 10,000 (part 6)	☆☆☆
9	Adding and taking away (part 1)	☆☆☆
10	Adding and taking away (part 2)	☆☆☆
11	Adding and taking away (part 3)	☆☆☆
12	Adding and taking away (part 4)	☆☆☆
13	Adding and taking away (part 5)	☆☆☆
14	Area (part 1)	☆☆☆
15	Area (part 2)	☆☆☆
16	Area (part 3)	☆☆☆
17	Times tables to 12 (part 1)	☆☆☆
18	Times tables to 12 (part 2)	☆☆☆
19	Times tables to 12 (part 3)	☆☆☆
20	Times tables to 12 (part 4)	☆☆☆
21	Times tables to 12 (part 5)	☆☆☆
22	End-of-term challenge	☆☆☆

For grown-ups: This book follows the Year 4 National Curriculum for England, in the order most schools teach it during the autumn term. Every page opens with a verse or hadith about a good value, such as caring for orphans, feeding the hungry, giving from what Allah has given us, spreading salam and looking after the earth. The questions are set around the same good deeds. Answers start on page 23. Print on A4 at 100% scale and staple down the left-hand side. More free resources at **adamsclassroom.co.uk**.



Place value to 10,000

Part 1

Adam's tip
Thousands, hundreds, tens, ones.

If you are grateful, I will surely increase you. — Qur'an 14:7

A What is the highlighted digit worth?

9,051 ☐	3,880 ☐	4,406 ☐
8,298 ☐	1,007 ☐	9,833 ☐

B Fill in the missing part.

1,295 = 1,000 + 200 + ☐ + 5

9,411 = 9,000 + ☐ + 10 + 1

4,892 = 4,000 + 800 + ☐ + 2

878 = 800 + ☐ + 8

C Write <, > or =.

9,010 ◯ 9,000	7,757 ◯ 8,990	5,473 ◯ 5,482
1,840 ◯ 7,510	7,176 ◯ 6,276	2,624 ◯ 1,724

How did I do? ☆ ☆ ☆

SubhanAllah, look how you're growing!



Place value to 10,000

Part 2

Adam's tip
Thousands, hundreds, tens, ones.

Recite in the name of your Lord who created. Qur'an 96:1

A Put these numbers in order, smallest first.

2,786 | 947 | 2,318 | 8,173 | 8,466

[ ] [ ] [ ] [ ] [ ]

B Find the missing numbers in each pattern.

725 , 750 , 775 , [ ] , [ ] , 850

660 , [ ] , [ ] , 642 , 636 , 630

575 , [ ] , 525 , 500 , [ ] , 450

5,000 , 4,000 , [ ] , [ ] , 1,000 , 0

Working out

C More or less?

100 more than 3,537 is [ ]

100 more than 2,748 is [ ]

100 more than 6,801 is [ ]

100 more than 1,617 is [ ]

1,000 less than 3,430 is [ ]

1,000 less than 3,541 is [ ]

How did I do? ☆ ☆ ☆

Keep going, insha'Allah!



Place value to 10,000

Part 3

Adam's tip
Thousands, hundreds, tens, ones.

"Your smile for your brother is charity." — Hadith, Tirmidhi

A What numbers are the arrows pointing to?



a = ☐ b = ☐ c = ☐

B Write these numbers in digits.

three thousand six hundred and forty-four ☐

six thousand and ninety-nine ☐

eight thousand three hundred and two ☐

Write **8,800** in words:

_____

C Roman numerals.

XI = ☐ 67 = ☐

LVI = ☐ 69 = ☐

LXX = ☐ 85 = ☐



Place value to 10,000

Part 4

Adam's tip
Thousands, hundreds, tens, ones.

"Shall I not tell you of something which, if you do it, you will love one another? Spread salam among yourselves." **Hadith, Muslim**

A Round each number.

6,156 to the nearest 10: ☐

5,094 to the nearest 10: ☐

6,453 to the nearest 100: ☐

7,239 to the nearest 1,000: ☐

1,220 to the nearest 100: ☐

2,995 to the nearest 1,000: ☐

B What is the highlighted digit worth?

3,580 ☐ 8,970 ☐ 9,701 ☐

2,953 ☐ 9,161 ☐ 9,523 ☐

C Write <, > or =.

9,857 ◯ 10,000 8,156 ◯ 2,555 7,446 ◯ 8,041

8,720 ◯ 8,810 4,746 ◯ 1,696 2,936 ◯ 1,936

How did I do? ☆ ☆ ☆

Alhamdulillah for learning!



Place value to 10,000

Part 5

Adam's tip
Thousands, hundreds, tens, ones.

If you are grateful, I will surely increase you. — Qur'an 14:7

A Fill in the missing part.

9,471 = 9,000 + 400 + ☐ + 1

1,851 = 1,000 + ☐ + 50 + 1

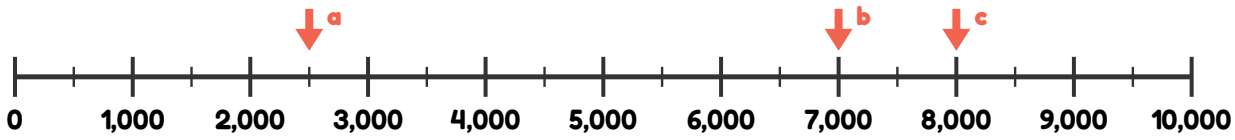
3,086 = 3,000 + ☐ + 6

581 = ☐ + 80 + 1

B Put these numbers in order, smallest first.

9,115	5,304	4,491	7,194	3,446
☐	☐	☐	☐	☐

C What numbers are the arrows pointing to?



a = ☐ b = ☐ c = ☐

How did I do? ☆ ☆ ☆

Mashallah, you're a star!



Place value to 10,000

Part 6

Adam's tip
Thousands, hundreds, tens, ones.

Recite in the name of your Lord who created. Qur'an 96:1

A Find the missing numbers in each pattern.

0 , ☐ , 2,000 , ☐ , 4,000 , 5,000

1,273 , 1,279 , ☐ , ☐ , 1,297 , 1,303

7,000 , ☐ , 5,000 , 4,000 , 3,000 , ☐

1,926 , 1,932 , 1,938 , ☐ , 1,950 , ☐

Working out

B More or less?

100 less than 9,815 is ☐

1,000 more than 1,069 is ☐

1,000 more than 2,669 is ☐

1,000 less than 5,081 is ☐

1,000 more than 1,251 is ☐

1,000 more than 3,645 is ☐

How did I do? ☆ ☆ ☆

Mashallah, well done!



Adding and taking away Part 1

Adam's tip
Estimate first, then check your answer is close.

Those who spend their wealth by night and by day, secretly and publicly, will have their reward with their Lord. **Qur'an 2:274**

A Add.

6,074 + 760 = ☐

1,279 + 9,000 = ☐

5,265 + 5,000 = ☐

4,453 + 740 = ☐

4,675 + 7,000 = ☐

4,712 + 500 = ☐

Working out

B Take away.

1,550 − 430 = ☐

11,218 − 5,000 = ☐

9,970 − 8,000 = ☐

5,488 − 700 = ☐

5,520 − 2,000 = ☐

1,681 − 440 = ☐

Working out



Adding and taking away Part 2

Adam's tip
Estimate first, then check your answer is close.

"He is not a believer whose stomach is filled while his neighbour goes hungry." **Hadith, al-Adab al-Mufrad**

A Use the column method.

		8	6	4	8
+		2	4	4	1

	9	7	6	4	
−	1	6	8	3	

		1	7	7	5
+		4	4	5	4

	8	1	2	1	
−	1	2	8	2	

B Find the missing number.

☐ − 5,000 = 5,620

☐ − 200 = 3,467

☐ − 200 = 4,798

☐ − 940 = 1,930

1,398 + ☐ = 2,198

☐ − 4,000 = 4,687

Working out

C Number bonds to 10,000.

☐ + 6,000 = 10,000

☐ + 9,600 = 10,000

☐ + 3,000 = 10,000

4,500 + ☐ = 10,000

2,600 + ☐ = 10,000

5,100 + ☐ = 10,000

How did I do? ☆ ☆ ☆

Barakallahu feek!



Adding and taking away Part 3

Adam's tip
Estimate first, then check your answer is close.

Or feeding on a day of severe hunger an orphan of near relationship or a needy person in misery. Qur'an 90:14–16

A Estimate by rounding to the nearest 1,000.

1,689 + 5,180 ≈ ☐ + ☐ = ☐

7,195 + 2,468 ≈ ☐ + ☐ = ☐

7,784 + 3,291 ≈ ☐ + ☐ = ☐

Working out

B Use the first fact to help you.

4,848 + 2,017 = 6,865

6,865 − 2,017 = ☐

6,865 − 4,848 = ☐

2,017 + 4,848 = ☐

C Use the column method.

	2	0	8	4
+	2	7	3	2

	4	8	5	8
−	3	3	2	9

	3	5	9	5
+		7	3	4

	6	1	9	9
−	3	8	1	2

How did I do? ☆ ☆ ☆

SubhanAllah, look how you're growing!



Adding and taking away Part 4

Adam's tip
Estimate first, then check your answer is close.

And they give food, in spite of love for it, to the needy, the orphan and the captive. Qur'an 76:8

A Word problems.

Idris put 2,909 tins in the food bank box. Khadija added 1,837 more. How many tins are in the box now?

working out

[ ] tins

The food bank had 6,860 tins. 3,189 were given to families who needed food. How many tins are left?

working out

[ ] tins

The food bank collected 6,794 tins in December and 1,780 in November. How many more tins were collected in December?

working out

[ ] tins

B Number bonds to 10,000.

200 + [ ] = 10,000

[ ] + 1,000 = 10,000

[ ] + 6,000 = 10,000

6,200 + [ ] = 10,000

[ ] + 2,300 = 10,000

6,000 + [ ] = 10,000



Adding and taking away Part 5

Adam's tip
Estimate first, then check your answer is close.

Those who spend their wealth by night and by day, secretly and publicly, will have their reward with their Lord. **Qur'an 2:274**

A Add.

4,161 + 4,000 = ☐

1,450 + 1,000 = ☐

2,304 + 800 = ☐

2,540 + 800 = ☐

4,393 + 400 = ☐

6,765 + 9,000 = ☐

Working out

B Take away.

1,578 − 100 = ☐

4,506 − 340 = ☐

3,516 − 900 = ☐

12,910 − 9,000 = ☐

3,146 − 800 = ☐

4,201 − 380 = ☐

Working out

How did I do? ☆ ☆ ☆

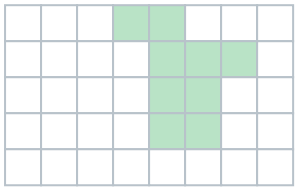
Mashallah, brilliant work!

Area Part 1

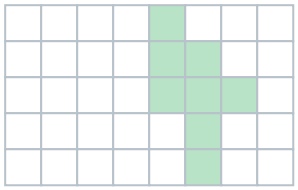
Adam's tip
Area is the space inside a shape.

Give full measure and weight in justice. — Qur'an 6:152

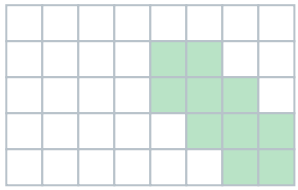
A Count the squares to find the area of each shape.



Area = ☐ squares

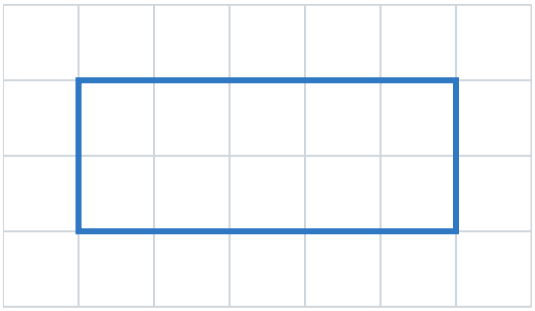


Area = ☐ squares



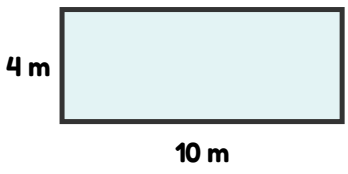
Area = ☐ squares

B Each square is 1 cm. What is the perimeter of the blue rectangle?

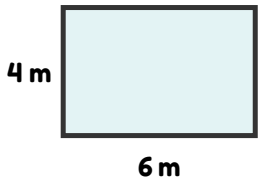


Perimeter = ☐ cm

C Find the area of each rectangle.



Area = ☐ m^2



Area = ☐ m^2



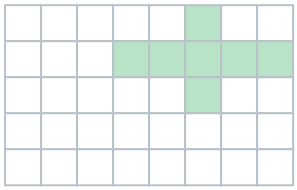
Area = ☐ m^2

Area Part 2

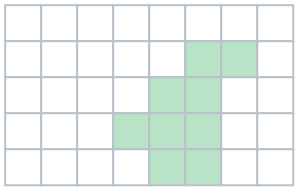
Adam's tip
Area is the space inside a shape.

Eat and drink, but be not excessive. Indeed, He likes not those who commit excess. Qur'an 7:31

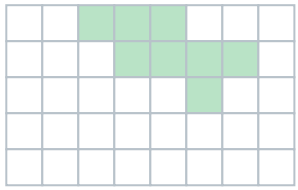
A Count the squares to find the area of each shape.



Area = ☐ squares

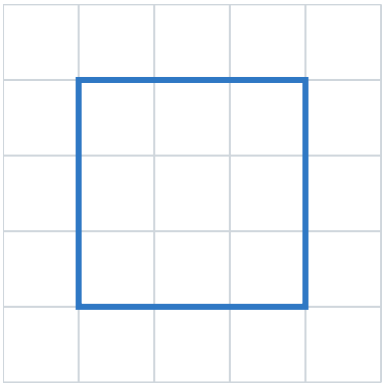


Area = ☐ squares



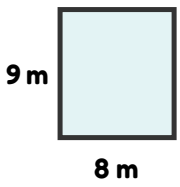
Area = ☐ squares

B Each square is 1 cm. What is the perimeter of the blue rectangle?

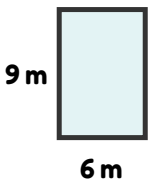


Perimeter = ☐ cm

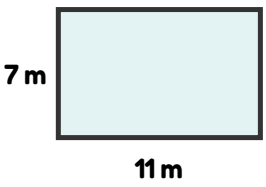
C Find the area of each rectangle.



Area = ☐ m^2



Area = ☐ m^2



Area = ☐ m^2

How did I do? ☆ ☆ ☆

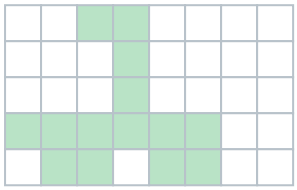
Mashallah, you're a star!

Area Part 3

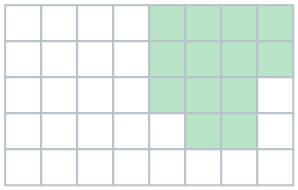
Adam's tip
Area is the space inside a shape.

Indeed, I will make upon the earth a successive authority (khalifah). Qur'an 2:30

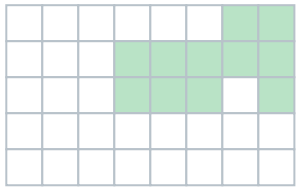
A Count the squares to find the area of each shape.



Area = ☐ squares



Area = ☐ squares



Area = ☐ squares

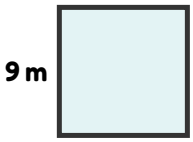
B Find the area of each rectangle.



Area = ☐ m^2

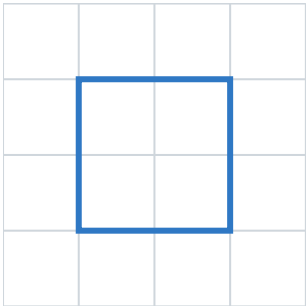


Area = ☐ m^2



Area = ☐ m^2

C Each square is 1 cm. What is the perimeter of the blue rectangle?



Perimeter = ☐ cm

How did I do? ☆ ☆ ☆

Mashallah, well done!



Times tables to 12

Part 1

Adam's tip
Learn the tricky ones: 6, 7, 9, 11 and 12.

Whoever comes with a good deed will have ten times the like of it. Qur'an 6:160

A Times tables and division facts.

11 × ☐ = 77

7 × ☐ = 84

1 × 11 = ☐

5 × 9 = ☐

11 × 9 = ☐

9 × 12 = ☐

24 ÷ 6 = ☐

9 × 6 = ☐

12 × ☐ = 84

B Multiply three numbers.

3 × 4 × 2 = ☐

8 × 4 × 5 = ☐

3 × 3 × 5 = ☐

9 × 3 × 5 = ☐

Working out

C Times tables and division facts.

54 ÷ 9 = ☐

11 × 7 = ☐

5 × 9 = ☐

2 × 7 = ☐

11 × ☐ = 11

18 ÷ 6 = ☐

☐ ÷ 12 = 8

7 × ☐ = 7

4 × 12 = ☐



Times tables to 12

Part 2

Adam's tip
Learn the tricky ones: 6, 7, 9, 11 and 12.

"I and the one who looks after an orphan will be in Paradise like this," and he held two fingers together. **Hadith, Bukhari**

A Multiply and divide by 10, 100.

416 × 10 = ☐

62 × 10 = ☐

700 ÷ 100 = ☐

2,200 ÷ 100 = ☐

9,300 ÷ 100 = ☐

30 ÷ 10 = ☐

Working out

B Word problems.

Each food parcel holds 9 tins. How many tins are in 4 parcels?

working out

☐ tins

24 books are given equally to 6 children at an orphanage. How many books does each child get?

working out

☐ books

Each row of the school garden has 12 seedlings. How many seedlings are in 10 rows?

working out

☐ seedlings

45 warm hats are shared equally between 9 shelters. How many hats does each shelter get?

working out

☐ hats

How did I do? ☆ ☆ ☆

Barakallahu feek!



Times tables to 12

Part 3

Adam's tip
Learn the tricky ones: 6, 7, 9, 11 and 12.

And they give food, in spite of love for it, to the needy, the orphan and the captive. **Qur'an 76:8**

A Multiply three numbers.

8 × 3 × 5 = ☐

5 × 2 × 5 = ☐

6 × 4 × 10 = ☐

3 × 4 × 2 = ☐

Working out

B Multiply and divide by 10, 100.

760 ÷ 10 = ☐

430 ÷ 10 = ☐

323 × 100 = ☐

240 ÷ 10 = ☐

85 × 100 = ☐

Working out



Times tables to 12

Part 4

Adam's tip
Learn the tricky ones: 6, 7, 9, 11 and 12.

Those who spend in the way of Allah are like a seed which grows seven spikes; in each spike is a hundred grains. Qur'an 2:261

A Word problems.

Each food parcel holds 6 tins. How many tins are in 5 parcels?

working out

____ tins

81 warm hats are shared equally between 9 shelters. How many hats does each shelter get?

working out

____ hats

Safiya says salam to 9 people every day. How many salams is that in 2 days?

working out

____ salams

152 warm hats are shared equally between 8 shelters. How many hats does each shelter get?

working out

____ hats

B Times tables and division facts.

1 × 9 = ____

____ ÷ 7 = 12

4 × 6 = ____

____ ÷ 9 = 9

12 × ____ = 132

____ ÷ 12 = 10

____ ÷ 11 = 10

12 × ____ = 96

11 × 7 = ____

How did I do? ☆ ☆ ☆

Keep going, insha'Allah!



Times tables to 12

Part 5

Adam's tip
Learn the tricky ones: 6, 7, 9, 11 and 12.

Whoever comes with a good deed will have ten times the like of it. — Qur'an 6:160

A Multiply three numbers.

8 × 3 × 10 = ☐

6 × 5 × 10 = ☐

8 × 2 × 5 = ☐

5 × 4 × 10 = ☐

Working out

B Multiply and divide by 10, 100.

2 × 100 = ☐

273 × 10 = ☐

315 × 10 = ☐

150 × 10 = ☐

110 ÷ 10 = ☐

13 × 100 = ☐

Working out

How did I do? ☆ ☆ ☆

Mashallah, brilliant work!



Bismillah · Adam's Maths · Year 4 · Term 1 · Makkah

End-of-term challenge

Adam's tip
Say Bismillah, take your time and check every answer. You can do it!

O you who believe, stand firm for justice. — Qur'an 4:135

Time: 20 minutes **Score: ☐ / 20**

1. 383 + 100 = ☐
2. 3,819 − 100 = ☐
3. 9 kg = ☐ g
4. 12 × 12 = ☐
5. 3,212 + 130 = ☐
6. 5,198 − 530 = ☐
7. 50 ÷ 10 = ☐
8. 707 + 1,000 = ☐
9. 8,099 − 7,000 = ☐
10. 6 m = ☐ cm
11. 11 × 7 = ☐
12. 3,557 + 300 = ☐
13. 10,875 − 9,000 = ☐
14. 8 × 5 = ☐
15. 4,781 + 100 = ☐
16. 5,044 + 4,000 = ☐
17. 70 mm = ☐ cm
18. 11 × 7 = ☐
19. 2,171 + 300 = ☐
20. 5,480 − 510 = ☐

How did I do? ☆ ☆ ☆

Alhamdulillah for learning!



For grown-ups

Answers

p.3 Place value to 10,000 (part 1)

A: 1, 800, 4,000, 8, 7, 800
B: 90, 400, 90, 70
C: >, <, <, <, >, >

p.4 Place value to 10,000 (part 2)

A: 947, 2,318, 2,786, 8,173, 8,466
B: 800 & 825, 654 & 648, 550 & 475, 3,000 & 2,000
C: 3,637, 2,848, 6,901, 1,717, 2,430, 2,541

p.5 Place value to 10,000 (part 3)

A: a = 500, b = 6,500, c = 7,500
B: 3,644, 6,099, 8,302, eight thousand eight hundred
C: 11, LXVII, 56, LXIX, 70, LXXXV

p.6 Place value to 10,000 (part 4)

A: 6,160, 5,090, 6,500, 7,000, 1,200, 3,000
B: 3,000, 8,000, 1, 900, 100, 20
C: <, >, <, <, >, >

p.7 Place value to 10,000 (part 5)

A: 70, 800, 80, 500
B: 3,446, 4,491, 5,304, 7,194, 9,115
C: a = 2,500, b = 7,000, c = 8,000

p.8 Place value to 10,000 (part 6)

A: 1,000 & 3,000, 1,285 & 1,291, 6,000 & 2,000, 1,944 & 1,956
B: 9,715, 2,069, 3,669, 4,081, 2,251, 4,645

p.9 Adding and taking away (part 1)

A: 6,834, 10,279, 10,265, 5,193, 11,675, 5,212
B: 1,120, 6,218, 1,970, 4,788, 3,520, 1,241

p.10 Adding and taking away (part 2)

A: 11,089, 8,081, 6,229, 6,839
B: 10,620, 3,667, 4,998, 2,870, 800, 8,687
C: 4,000, 400, 7,000, 5,500, 7,400, 4,900

p.11 Adding and taking away (part 3)

A: 2,000 + 5,000 = 7,000, 7,000 + 2,000 = 9,000, 8,000 + 3,000 = 11,000
B: 4,848, 2,017, 6,865
C: 4,816, 1,529, 4,329, 2,387

p.12 Adding and taking away (part 4)

A: 4,746, 3,671, 5,014
B: 9,800, 9,000, 4,000, 3,800, 7,700, 4,000

p.13 Adding and taking away (part 5)

A: 8,161, 2,450, 3,104, 3,340, 4,793, 15,765
B: 1,478, 4,166, 2,616, 3,910, 2,346, 3,821

p.14 Area (part 1)

A: 9 squares, 8 squares, 10 squares
B: 14 cm
C: 40 m^2, 24 m^2, 22 m^2

p.15 Area (part 2)

A: 7 squares, 9 squares, 8 squares
B: 12 cm
C: 72 m^2, 54 m^2, 77 m^2



For grown-ups

Answers (continued)

p.16 Area (part 3)

A: 14 squares, 13 squares, 11 squares
B: 35 m^2, 99 m^2, 81 m^2
C: 8 cm

p.17 Times tables to 12 (part 1)

A: 7, 12, 11, 45, 99, 108, 4, 54, 7
B: 24, 160, 45, 135
C: 6, 77, 45, 14, 1, 3, 96, 1, 48

p.18 Times tables to 12 (part 2)

A: 4,160, 620, 7, 22, 93, 3
B: 36, 4, 120, 5

p.19 Times tables to 12 (part 3)

A: 120, 50, 240, 24
B: 76, 43, 32,300, 24, 8,500

p.20 Times tables to 12 (part 4)

A: 30, 9, 18, 19
B: 9, 84, 24, 81, 11, 120, 110, 8, 77

p.21 Times tables to 12 (part 5)

A: 240, 300, 80, 200
B: 200, 2,730, 3,150, 1,500, 11, 1,300

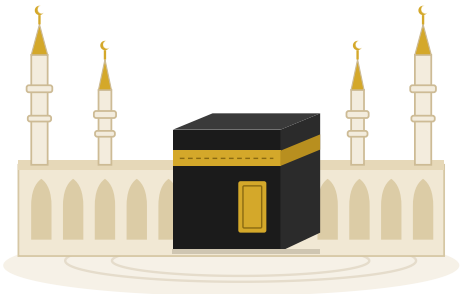
p.22 End-of-term challenge

1) 483, 2) 3,719, 3) 9,000, 4) 144, 5) 3,342, 6) 4,668, 7) 5, 8) 1,707, 9) 1,099, 10) 600, 11) 77, 12) 3,857, 13) 1,875, 14) 40, 15) 4,881, 16) 9,044, 17) 7, 18) 77, 19) 2,471, 20) 4,970

Mashallah!

Maths Superstar





This is to say that

_____

has completed **Adam's Maths – Year 4, Term 1**. Alhamdulillah for all your hard work! May Allah bless your learning.

_____ _____

Signed **Date**



Adam's Maths · Year 4

Adam's handy helpers

Multiplication grid

×	1	2	3	4	5	6	7	8	9	10	11	12
1	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
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Place value chart

Ten thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths

Units: 1 m = 100 cm · 1 cm = 10 mm · 1 km = 1,000 m · 1 kg = 1,000 g · 1 l = 1,000 ml

Rabbi zidni ‘ilma — “My Lord, increase me in knowledge.” (Qur’an, Ta-Ha 20:114)