

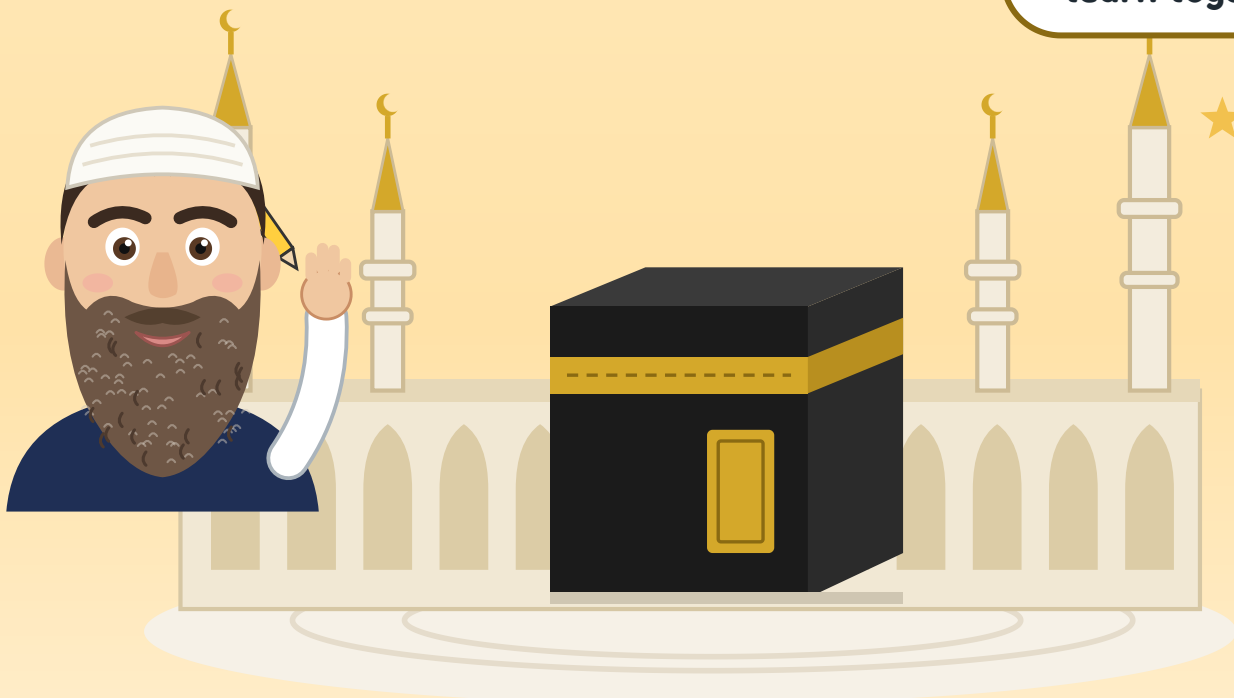
Key Stage 1 · Ages 6–7

Adam's Maths

Learning, growing, alhamdulillah

Year 2

Term 1 · Makkah · Practice & Question Book



This book belongs to: _____



Assalamu alaikum! I'm Adam.

Welcome to your Year 2, 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 100 (part 1)	☆☆☆
4	Place value to 100 (part 2)	☆☆☆
5	Place value to 100 (part 3)	☆☆☆
6	Place value to 100 (part 4)	☆☆☆
7	Place value to 100 (part 5)	☆☆☆
8	Place value to 100 (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)	☆☆☆

Page	Topic	Stars
13	Adding and taking away (part 5)	☆☆☆
14	Adding and taking away (part 6)	☆☆☆
15	Adding and taking away (part 7)	☆☆☆
16	Adding and taking away (part 8)	☆☆☆
17	Shapes (part 1)	☆☆☆
18	Shapes (part 2)	☆☆☆
19	Shapes (part 3)	☆☆☆
20	Shapes (part 4)	☆☆☆
21	Shapes (part 5)	☆☆☆
22	End-of-term challenge	☆☆☆

For grown-ups: This book follows the Year 2 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.



Place value to 100

Part 1

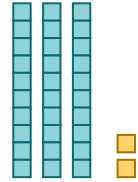
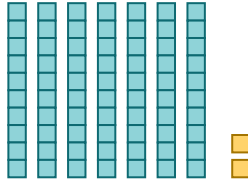
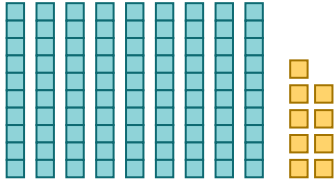
Adam's tip

Tens are worth 10. Ones are worth 1.

If you are grateful, I will surely increase you.

Qur'an 14:7

A Write the number shown by the blocks.



B Partition the numbers.

$$92 = 90 + \boxed{}$$

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

$$7 \text{ tens and } 3 \text{ ones} = \boxed{}$$

$$61 = \boxed{} \text{ tens and } \boxed{} \text{ ones}$$

$$2 \text{ tens and } 9 \text{ ones} = \boxed{}$$

$$4 \text{ tens and } 8 \text{ ones} = \boxed{}$$

C Write $<$, $>$ or $=$.

$$68 \bigcirc 68$$

$$66 \bigcirc 40$$

$$98 \bigcirc 100$$

$$71 \bigcirc 78$$

$$76 \bigcirc 79$$

$$39 \bigcirc 39$$

D Put these numbers in order, smallest first.

12

42

97

51

66



Place value to 100

Part 2

Adam's tip

Tens are worth 10. Ones are worth 1.

Recite in the name of your Lord who created.

Qur'an 96:1

A Find the missing numbers in each pattern.

21 , 31 , 41 , 51 , ,

20 , 25 , 30 , 35 , ,

15 , , 11 , 9 , , 5

B More or less?

10 more than 18 is

10 more than 41 is

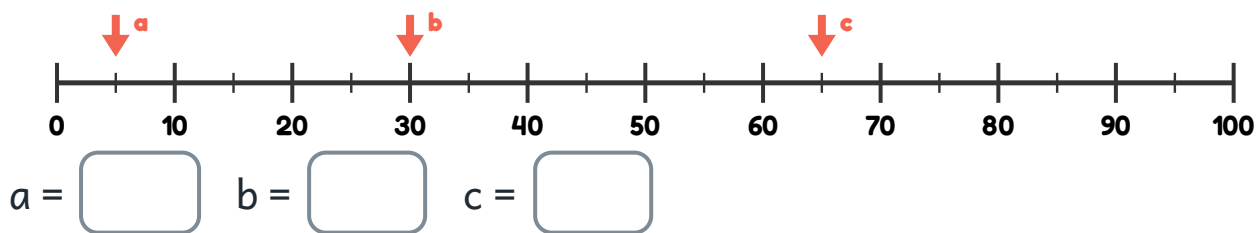
10 more than 34 is

10 less than 67 is

10 less than 18 is

1 less than 90 is

C What numbers are the arrows pointing to?



D Put these numbers in order, smallest first.

55 19 8 4 43



Place value to 100

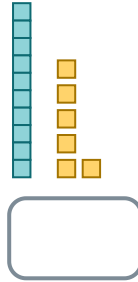
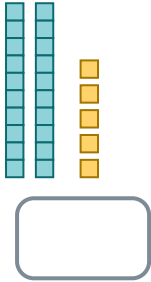
Part 3

Adam's tip

Tens are worth 10. Ones are worth 1.

"Your smile for your brother is charity."

Hadith, Tirmidhi

A Write the number shown by the blocks.**B** Partition the numbers.

$19 = \square \text{ tens and } \square \text{ ones}$

$44 = \square \text{ tens and } \square \text{ ones}$

$92 = \square \text{ tens and } \square \text{ ones}$

$3 \text{ tens and } 5 \text{ ones} = \square$

$29 = 20 + \square$

$14 = 10 + \square$

C Write $<$, $>$ or $=$.

$74 \bigcirc 71$

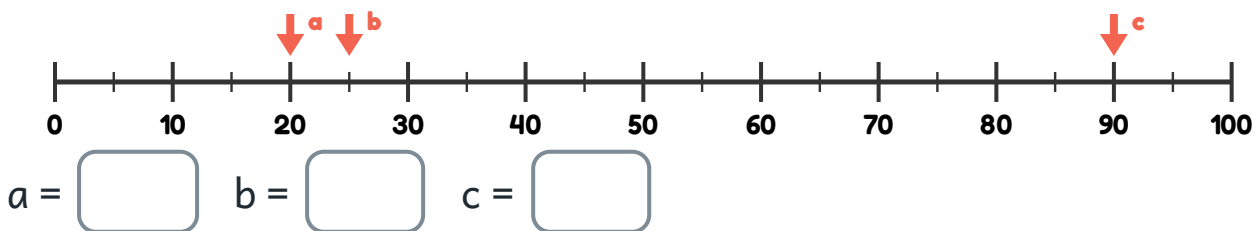
$67 \bigcirc 54$

$7 \bigcirc 88$

$93 \bigcirc 94$

$16 \bigcirc 7$

$19 \bigcirc 19$

D What numbers are the arrows pointing to?



Place value to 100

Part 4

Adam's tip

Tens are worth 10. Ones are worth 1.

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

Hadith, Muslim

A Find the missing numbers in each pattern.

21 , , , 51 , 61 , 71

18 , 20 , 22 , 24 , ,

15 , , , 30 , 35 , 40

19 , 21 , 23 , 25 , ,

B More or less?

1 more than 58 is

1 less than 83 is

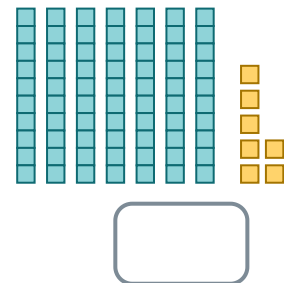
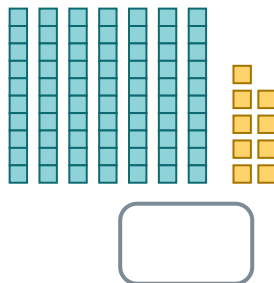
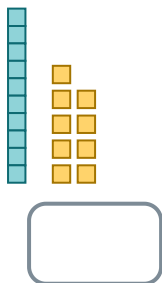
1 more than 83 is

1 more than 88 is

10 more than 30 is

1 more than 10 is

C Write the number shown by the blocks.





Place value to 100

Part 5

Adam's tip

Tens are worth 10. Ones are worth 1.

If you are grateful, I will surely increase you.

Qur'an 14:7

A Partition the numbers.

$84 = \boxed{} \text{ tens and } \boxed{} \text{ ones}$

$52 = 50 + \boxed{}$

$39 = 30 + \boxed{}$

$5 \text{ tens and } 1 \text{ ones} = \boxed{}$

$30 = \boxed{} \text{ tens and } \boxed{} \text{ ones}$

$6 \text{ tens and } 0 \text{ ones} = \boxed{}$

B Write <, > or =.

$72 \bigcirc 72$

$39 \bigcirc 29$

$25 \bigcirc 27$

$22 \bigcirc 74$

$24 \bigcirc 27$

$76 \bigcirc 66$

C Put these numbers in order, smallest first.**67****87****89****38****84**

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D More or less?

$1 \text{ more than } 8 \text{ is } \boxed{}$

$10 \text{ more than } 77 \text{ is } \boxed{}$

$10 \text{ less than } 33 \text{ is } \boxed{}$

$10 \text{ less than } 29 \text{ is } \boxed{}$

$10 \text{ more than } 64 \text{ is } \boxed{}$

$1 \text{ less than } 79 \text{ is } \boxed{}$



Place value to 100

Part 6

Adam's tip

Tens are worth 10. Ones are worth 1.

Recite in the name of your Lord who created.

Qur'an 96:1

A Find the missing numbers in each pattern.

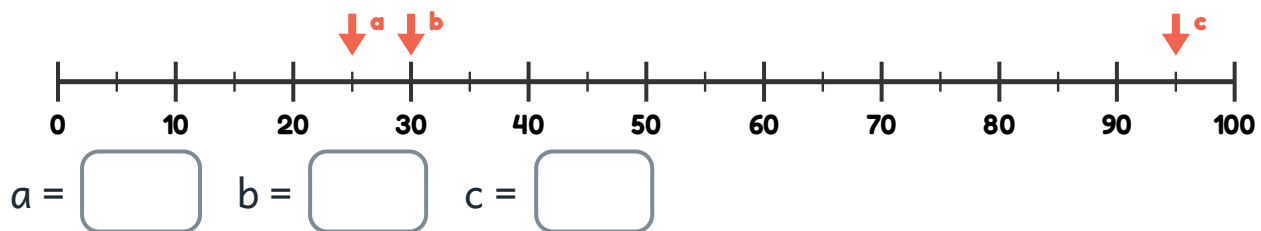
63 , 53 , , , 23 , 13

5 , 10 , 15 , , 25 ,

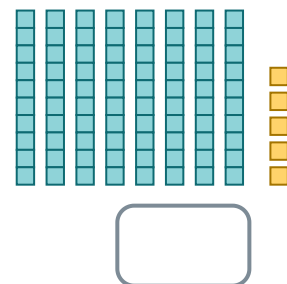
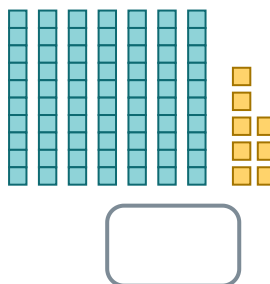
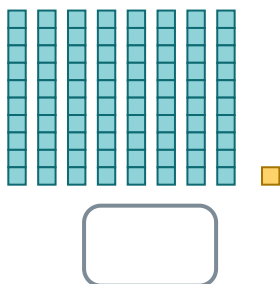
5 , 7 , , , 13 , 15

14 , , 18 , 20 , , 24

B What numbers are the arrows pointing to?



C Write the number shown by the blocks.





Adding and taking away

Part 1

Adam's tip

Add the ones first, then the tens.

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.

$27 + 18 = \boxed{}$

$29 + 48 = \boxed{}$

$58 + 26 = \boxed{}$

$65 + 13 = \boxed{}$

$28 + 62 = \boxed{}$

$63 + 19 = \boxed{}$

B Take away.

$96 - 54 = \boxed{}$

$83 - 13 = \boxed{}$

$72 - 28 = \boxed{}$

$24 - 6 = \boxed{}$

$64 - 6 = \boxed{}$

$74 - 61 = \boxed{}$

C Number bonds to 100.

$90 + \boxed{} = 100$

$95 + \boxed{} = 100$

$\boxed{} + 31 = 100$

$50 + \boxed{} = 100$

$98 + \boxed{} = 100$

$\boxed{} + 50 = 100$

D Fact family: use 18, 17 and 35.

$18 + 17 = \boxed{}$

$17 + 18 = \boxed{}$

$35 - 17 = \boxed{}$

$35 - 18 = \boxed{}$



Adding and taking away

Part 2

Adam's tip

Add the ones first, then the tens.

"He is not a believer whose stomach is filled while his neighbour goes hungry."

Hadith, al-Adab al-Mufrad

A Find the missing number.

$$\boxed{} - 74 = 12$$

$$58 + \boxed{} = 96$$

$$14 + \boxed{} = 90$$

$$62 + \boxed{} = 71$$

$$\boxed{} - 13 = 10$$

$$\boxed{} - 20 = 33$$

B Use the first fact to help you.

$$69 + 35 = 104$$

$$104 - 35 = \boxed{}$$

$$104 - 69 = \boxed{}$$

$$35 + 69 = \boxed{}$$

C Add.

$$22 + 18 = \boxed{}$$

$$15 + 37 = \boxed{}$$

$$45 + 5 = \boxed{}$$

$$25 + 45 = \boxed{}$$

$$70 + 13 = \boxed{}$$

$$10 + 79 = \boxed{}$$

D Take away.

$$48 - 14 = \boxed{}$$

$$88 - 41 = \boxed{}$$

$$74 - 6 = \boxed{}$$

$$55 - 14 = \boxed{}$$

$$59 - 49 = \boxed{}$$

$$58 - 11 = \boxed{}$$



Adding and taking away

Part 3

Adam's tip

Add the ones first, then the tens.

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 Word problems.

The food bank collected 66 tins in December and 14 in November. How many more tins were collected in December?

working out

 tins

Safiya had 77 stickers and shared 30 with a friend who had none. How many stickers are left?

working out

 stickers

Idris put 23 tins in the food bank box. Maryam added 28 more. How many tins are in the box now?

working out

 tins**B Number bonds to 100.**

+ 80 = 100

5 + = 100

40 + = 100

+ 49 = 100



Adding and taking away

Part 4

Adam's tip

Add the ones first, then the tens.

*And they give food, in spite of love for it, to the needy, the orphan and the captive.***Qur'an 76:8****A Fact family: use 25, 39 and 64.**

$25 + 39 = \boxed{}$

$39 + 25 = \boxed{}$

$64 - 39 = \boxed{}$

$64 - 25 = \boxed{}$

B Find the missing number.

$23 + \boxed{} = 89$

$\boxed{} - 47 = 42$

$\boxed{} - 30 = 36$

$\boxed{} - 35 = 49$

$20 + \boxed{} = 80$

$38 + \boxed{} = 53$

C Use the first fact to help you.

$73 + 16 = 89$

$89 - 16 = \boxed{}$

$89 - 73 = \boxed{}$

$16 + 73 = \boxed{}$

D Add.

$36 + 25 = \boxed{}$

$30 + 58 = \boxed{}$

$19 + 7 = \boxed{}$

$52 + 12 = \boxed{}$

$62 + 8 = \boxed{}$

$19 + 27 = \boxed{}$



Adding and taking away

Part 5

Adam's tip

Add the ones first, then the tens.

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 Word problems.

The school planted 38 trees in the autumn and 46 in the spring. How many trees did they plant?

working out

 trees

Zayd had 79 stickers and shared 72 with a friend who had none. How many stickers are left?

working out

 stickers

The food bank collected 55 tins in December and 44 in November. How many more tins were collected in December?

working out

 tins**B Take away.**

$66 - 12 = \boxed{}$

$69 - 24 = \boxed{}$

$51 - 5 = \boxed{}$

$77 - 10 = \boxed{}$

$23 - 5 = \boxed{}$

$70 - 37 = \boxed{}$



Adding and taking away

Part 6

Adam's tip

Add the ones first, then the tens.

"He is not a believer whose stomach is filled while his neighbour goes hungry."

Hadith, al-Adab al-Mufrad

A Number bonds to 100.

$\square + 17 = 100$

$53 + \square = 100$

$40 + \square = 100$

$50 + \square = 100$

$90 + \square = 100$

$\square + 70 = 100$

B Fact family: use 27, 39 and 66.

$27 + 39 = \square$

$39 + 27 = \square$

$66 - 39 = \square$

$66 - 27 = \square$

C Find the missing number.

$59 + \square = 71$

$\square - 24 = 39$

$42 + \square = 69$

$\square - 27 = 13$

$66 + \square = 94$

$39 + \square = 63$

D Use the first fact to help you.

$91 + 44 = 135$

$135 - 44 = \square$

$135 - 91 = \square$

$44 + 91 = \square$



Adding and taking away

Part 7

Adam's tip

Add the ones first, then the tens.

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 Word problems.**

The food bank had 51 tins. 34 were given to families who needed food. How many tins are left?

working out

 tins

The orphans' fund jar had 16 coins. Musa's family added 10 more. How many coins are in the jar now?

working out

 coins

The food bank collected 71 tins in December and 46 in November. How many more tins were collected in December?

working out

 tins**B Add.**

$70 + 20 = \boxed{}$

$27 + 53 = \boxed{}$

$12 + 9 = \boxed{}$

$31 + 3 = \boxed{}$

$39 + 20 = \boxed{}$

$18 + 28 = \boxed{}$



Adding and taking away

Part 8

Adam's tip

Add the ones first, then the tens.

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

$54 - 42 = \boxed{}$

$69 - 21 = \boxed{}$

$63 - 50 = \boxed{}$

$59 - 5 = \boxed{}$

$98 - 73 = \boxed{}$

$58 - 6 = \boxed{}$

B Number bonds to 100.

$\boxed{} + 80 = 100$

$42 + \boxed{} = 100$

$80 + \boxed{} = 100$

$90 + \boxed{} = 100$

$70 + \boxed{} = 100$

$26 + \boxed{} = 100$

C Fact family: use 22, 31 and 53.

$22 + 31 = \boxed{}$

$31 + 22 = \boxed{}$

$53 - 31 = \boxed{}$

$53 - 22 = \boxed{}$

D Find the missing number.

$12 + \boxed{} = 38$

$66 + \boxed{} = 91$

$64 + \boxed{} = 99$

$\boxed{} - 18 = 49$

$\boxed{} - 27 = 59$

$\boxed{} - 22 = 44$



Adam's tip

Vertices are the corners. Faces are flat surfaces.

"If a Muslim plants a tree and a bird, a person or an animal eats from it, it is counted as charity for him."

Hadith, Bukhari

A Name each 2D shape.

Word bank: circle · pentagon · rectangle · square · triangle

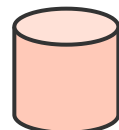
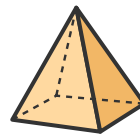
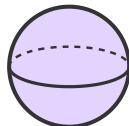
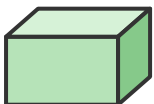


B Count the sides and vertices.

Shape	Sides	Vertices

C Name each 3D shape.

Word bank: cuboid · cylinder · pyramid · sphere





Adam's tip

Vertices are the corners. Faces are flat surfaces.

The Prophet ﷺ told of a man who gave water to a thirsty dog, so Allah thanked him and forgave him.

Hadith, Bukhari

A Count the faces, edges and vertices.

	Faces	Edges	Vertices
 square-based pyramid			
 cuboid			

B Draw all the lines of symmetry. How many are there?



lines:



lines:



lines:



lines:

C Name each 2D shape.

Word bank: circle · pentagon · rectangle · square · triangle





Adam's tip

Vertices are the corners. Faces are flat surfaces.

Indeed, I will make upon the earth a successive authority (khalifah).

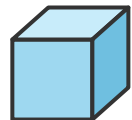
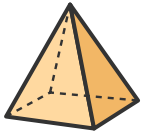
Qur'an 2:30

A Count the sides and vertices.

Shape	Sides	Vertices
		
		
		
		

B Name each 3D shape.

Word bank: cone · cube · cylinder · pyramid



C Count the faces, edges and vertices.

	Faces	Edges	Vertices
 cube			
 cuboid			



Adam's tip

Vertices are the corners. Faces are flat surfaces.

"If a Muslim plants a tree and a bird, a person or an animal eats from it, it is counted as charity for him."

Hadith, Bukhari

A Draw all the lines of symmetry. How many are there?



lines:



lines:



lines:



lines:

B Name each 2D shape.

Word bank: circle · hexagon · rectangle · square · triangle











C Count the sides and vertices.

Shape	Sides	Vertices



Adam's tip

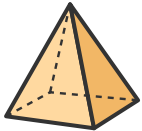
Vertices are the corners. Faces are flat surfaces.

The Prophet ﷺ told of a man who gave water to a thirsty dog, so Allah thanked him and forgave him.

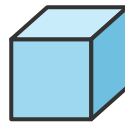
Hadith, Bukhari

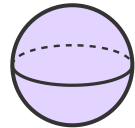
A Name each 3D shape.

Word bank: cone · cube · pyramid · sphere









B Count the faces, edges and vertices.

	Faces	Edges	Vertices
 square-based pyramid			
 cube			

C Draw all the lines of symmetry. How many are there?



lines:



lines:



lines:



lines:



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 $43 + 1 =$

2 $99 - 37 =$

3 $14 + 32 =$

4 $22 - 7 =$

5 $20 \div 10 =$

6 $15 + 10 =$

7 $71 - 10 =$

8 $35 + 27 =$

9 $62 - 33 =$

10 $8 \times 10 =$

11 $4 + 1 =$

12 $60 + 7 =$

13 $50 + 8 =$

14 $83 - 52 =$

15 $50 \div 5 =$

16 $11 + 1 =$

17 $81 - 56 =$

18 $11 + 38 =$

19 $89 - 42 =$

20 $30 \div 10 =$



For grown-ups

Answers

p.3 Place value to 100 (part 1)

A: 99, 72, 32

B: 2, 0, 73, 6 tens 1 ones, 29, 48

C: =, >, <, <, <, =

D: 12, 42, 51, 66, 97

p.4 Place value to 100 (part 2)

A: 61 & 71, 40 & 45, 13 & 7

B: 28, 51, 44, 57, 8, 89

C: $a = 5$, $b = 30$, $c = 65$

D: 4, 8, 19, 43, 55

p.5 Place value to 100 (part 3)

A: 25, 16, 30

B: 1 ten 9 ones, 4 tens 4 ones, 9 tens 2 ones, 35, 9, 4

C: >, >, <, <, >, =

D: $a = 20$, $b = 25$, $c = 90$

p.6 Place value to 100 (part 4)

A: 31 & 41, 26 & 28, 20 & 25, 27 & 29

B: 59, 82, 84, 89, 40, 11

C: 19, 79, 77

p.7 Place value to 100 (part 5)

A: 8 tens 4 ones, 2, 9, 51, 3 tens 0 ones, 60

B: =, >, <, <, <, >

C: 38, 67, 84, 87, 89

D: 9, 87, 23, 19, 74, 78

p.8 Place value to 100 (part 6)

A: 43 & 33, 20 & 30, 9 & 11, 16 & 22

B: $a = 25$, $b = 30$, $c = 95$

C: 81, 78, 85

p.9 Adding and taking away (part 1)

A: 45, 77, 84, 78, 90, 82

B: 42, 70, 44, 18, 58, 13

C: 10, 5, 69, 50, 2, 50

D: 35, 35, 18, 17

p.10 Adding and taking away (part 2)

A: 86, 38, 76, 9, 23, 53

B: 69, 35, 104

C: 40, 52, 50, 70, 83, 89

D: 34, 47, 68, 41, 10, 47

p.11 Adding and taking away (part 3)

A: 52, 47, 51

B: 20, 95, 60, 51

p.12 Adding and taking away (part 4)

A: 64, 64, 25, 39

B: 66, 89, 66, 84, 60, 15

C: 73, 16, 89

D: 61, 88, 26, 64, 70, 46

p.13 Adding and taking away (part 5)

A: 84, 7, 11

B: 54, 45, 46, 67, 18, 33



For grown-ups

Answers (continued)

p.14 Adding and taking away (part 6)

A: 83, 47, 60, 50, 10, 30
B: 66, 66, 27, 39
C: 12, 63, 27, 40, 28, 24
D: 91, 44, 135

p.15 Adding and taking away (part 7)

A: 17, 26, 25
B: 90, 80, 21, 34, 59, 46

p.16 Adding and taking away (part 8)

A: 12, 48, 13, 54, 25, 52
B: 20, 58, 20, 10, 30, 74
C: 53, 53, 22, 31
D: 26, 25, 35, 67, 86, 66

p.17 Shapes (part 1)

A: rectangle, square, triangle, pentagon, circle
B: pentagon 5, 5; octagon 8, 8; hexagon 6, 6;
square 4, 4
C: cuboid, sphere, pyramid, cylinder

p.18 Shapes (part 2)

A: pyramid 5, 8, 5; cuboid 6, 12, 8
B: rectangle 2, square 4, pentagon 5, hexagon 6
C: pentagon, circle, triangle, square, rectangle

p.19 Shapes (part 3)

A: octagon 8, 8; triangle 3, 3; rectangle 4, 4;
pentagon 5, 5
B: pyramid, cylinder, cone, cube
C: cube 6, 12, 8; cuboid 6, 12, 8

p.20 Shapes (part 4)

A: hexagon 6, heart 1, triangle 3, pentagon 5
B: circle, triangle, hexagon, rectangle, square
C: octagon 8, 8; hexagon 6, 6; triangle 3, 3;
rectangle 4, 4

p.21 Shapes (part 5)

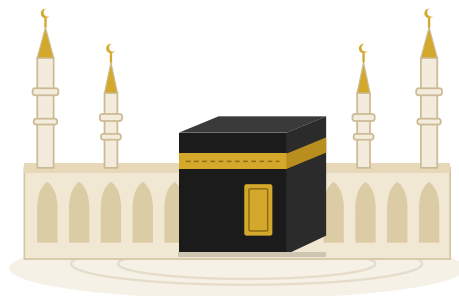
A: pyramid, cone, cube, sphere
B: pyramid 5, 8, 5; cube 6, 12, 8
C: square 4, heart 1, triangle 3, rectangle 2

p.22 End-of-term challenge

1) 44, 2) 62, 3) 46, 4) 15, 5) 2, 6) 25, 7) 61, 8) 62,
9) 29, 10) 80, 11) 5, 12) 67, 13) 58, 14) 31, 15) 10,
16) 12, 17) 25, 18) 49, 19) 47, 20) 3



Mashallah!
Maths Superstar



This is to say that

has completed **Adam's Maths – Year 2, Term 1.**
Alhamdulillah for all your hard work! May Allah bless your
learning.

Signed

Date

**100 square**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2 times table

$1 \times 2 = 2$
 $2 \times 2 = 4$
 $3 \times 2 = 6$
 $4 \times 2 = 8$
 $5 \times 2 = 10$
 $6 \times 2 = 12$
 $7 \times 2 = 14$
 $8 \times 2 = 16$
 $9 \times 2 = 18$
 $10 \times 2 = 20$
 $11 \times 2 = 22$
 $12 \times 2 = 24$

5 times table

$1 \times 5 = 5$
 $2 \times 5 = 10$
 $3 \times 5 = 15$
 $4 \times 5 = 20$
 $5 \times 5 = 25$
 $6 \times 5 = 30$
 $7 \times 5 = 35$
 $8 \times 5 = 40$
 $9 \times 5 = 45$
 $10 \times 5 = 50$
 $11 \times 5 = 55$
 $12 \times 5 = 60$

10 times table

$1 \times 10 = 10$
 $2 \times 10 = 20$
 $3 \times 10 = 30$
 $4 \times 10 = 40$
 $5 \times 10 = 50$
 $6 \times 10 = 60$
 $7 \times 10 = 70$
 $8 \times 10 = 80$
 $9 \times 10 = 90$
 $10 \times 10 = 100$
 $11 \times 10 = 110$
 $12 \times 10 = 120$

Bonds to 10: $0+10 \cdot 1+9 \cdot 2+8 \cdot 3+7 \cdot 4+6 \cdot 5+5$

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