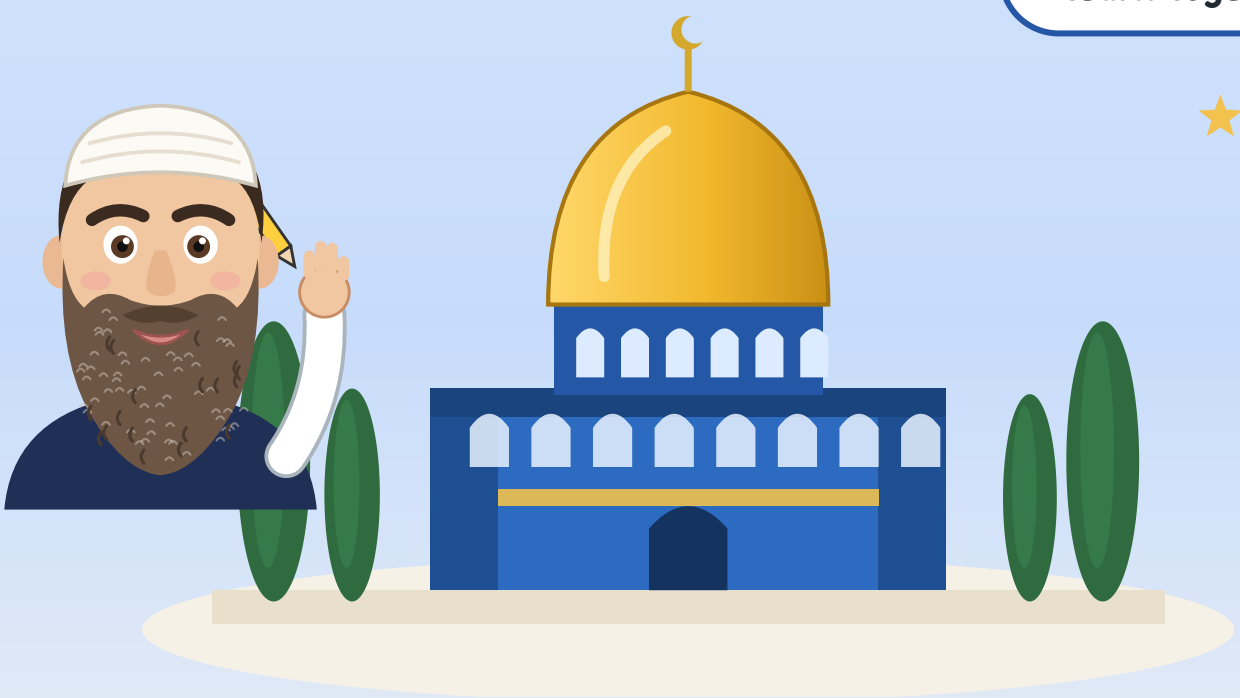
Key Stage 1 · Ages 5–6

Adam's Maths

Learning, growing, alhamdulillah

Year 1

Term 3 · Masjid al-Aqsa · Practice & Question Book



This book belongs to: _____



Assalamu alaikum! I'm Adam.

Welcome to your Year 1, Term 3 maths book. This term our journey takes us to **Masjid al-Aqsa**. 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	Grouping and sharing (part 1)	☆☆☆
4	Grouping and sharing (part 2)	☆☆☆
5	Grouping and sharing (part 3)	☆☆☆
6	Grouping and sharing (part 4)	☆☆☆
7	Grouping and sharing (part 5)	☆☆☆
8	Halves and quarters (part 1)	☆☆☆
9	Halves and quarters (part 2)	☆☆☆
10	Halves and quarters (part 3)	☆☆☆
11	Position and direction (part 1)	☆☆☆
12	Position and direction (part 2)	☆☆☆
13	Position and direction (part 3)	☆☆☆

Page	Topic	Stars
14	Numbers to 100 (part 1)	☆☆☆
15	Numbers to 100 (part 2)	☆☆☆
16	Numbers to 100 (part 3)	☆☆☆
17	Money (part 1)	☆☆☆
18	Money (part 2)	☆☆☆
19	Money (part 3)	☆☆☆
20	Time (part 1)	☆☆☆
21	Time (part 2)	☆☆☆
22	Time (part 3)	☆☆☆
23	End-of-term challenge	☆☆☆

For grown-ups: This book follows the Year 1 National Curriculum for England, in the order most schools teach it during the summer 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 24. Print on A4 at 100% scale and staple down the left-hand side. More free resources at **adamsclassroom.co.uk**.



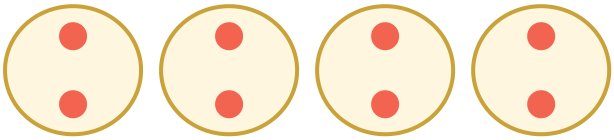
Grouping and sharing

Part 1

Adam's tip
Share one at a time so everyone gets the same.

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

A How many altogether?



4 groups of 2 = ☐

B Doubles and halves.

double 2 = ☐ double 4 = ☐ double 3 = ☐

half of 16 = ☐ double 6 = ☐ double 9 = ☐

C Share equally.

Share 8 between 4. Each gets ☐

Share 6 between 2. Each gets ☐

Share 15 between 3. Each gets ☐

Share 16 between 4. Each gets ☐

D Count in 2s, 5s and 10s.

15 , 20 , ☐ , 30 , 35 , ☐

20 , 30 , 40 , ☐ , 60 , ☐

6 , ☐ , 10 , 12 , 14 , ☐

How did I do? ☆ ☆ ☆

SubhanAllah, look how you're growing!



Grouping and sharing

Part 2

Adam's tip
Share one at a time so everyone gets the same.

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 Write a multiplication for each array.

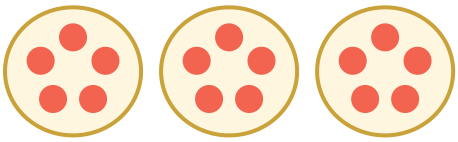


☐ × ☐ = ☐



☐ × ☐ = ☐

B How many altogether?



3 groups of 5 = ☐

C Doubles and halves.

double 3 = ☐ double 8 = ☐ double 1 = ☐

half of 10 = ☐ double 10 = ☐

D Share equally.

Share 6 between 2. Each gets ☐

Share 10 between 2. Each gets ☐

Share 16 between 4. Each gets ☐

Share 15 between 3. Each gets ☐



Grouping and sharing

Part 3

Adam's tip
Share one at a time so everyone gets the same.

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

A Count in 2s, 5s and 10s.

15 , ☐ , 25 , 30 , ☐ , 40

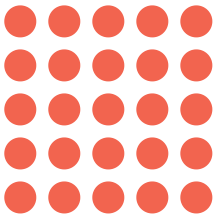
30 , 40 , 50 , ☐ , 70 , ☐

6 , 8 , ☐ , ☐ , 14 , 16

B Write a multiplication for each array.

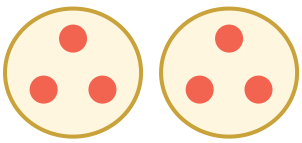


☐ × ☐ = ☐



☐ × ☐ = ☐

C How many altogether?



2 groups of 3 = ☐

D Doubles and halves.

half of 20 = ☐

double 6 = ☐

half of 10 = ☐

double 10 = ☐

half of 4 = ☐

double 8 = ☐

How did I do? ☆ ☆ ☆

Mashallah, brilliant work!



Grouping and sharing

Part 4

Adam's tip
Share one at a time so everyone gets the same.

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

A Share equally.

Share 8 between 2. Each gets ☐

Share 9 between 3. Each gets ☐

Share 15 between 3. Each gets ☐

Share 10 between 2. Each gets ☐

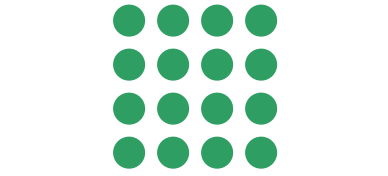
B Count in 2s, 5s and 10s.

4 , 6 , 8 , ☐ , 12 , ☐

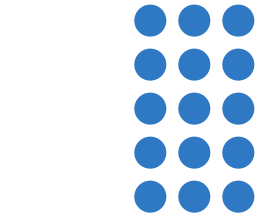
30 , 40 , ☐ , 60 , 70 , ☐

15 , 20 , ☐ , 30 , ☐ , 40

C Write a multiplication for each array.



☐ × ☐ = ☐



☐ × ☐ = ☐



Grouping and sharing

Part 5

Adam's tip
Share one at a time so everyone gets the same.

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

A Doubles and halves.

half of 4 = ☐ double 8 = ☐ double 7 = ☐

half of 12 = ☐ half of 16 = ☐

B Share equally.

Share 8 between 4. Each gets ☐

Share 8 between 2. Each gets ☐

Share 12 between 3. Each gets ☐

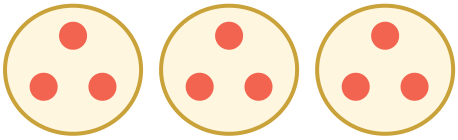
C Count in 2s, 5s and 10s.

0 , 5 , ☐ , 15 , ☐ , 25

30 , 40 , 50 , ☐ , ☐ , 80

6 , 8 , ☐ , 12 , ☐ , 16

D How many altogether?



3 groups of 3 = ☐



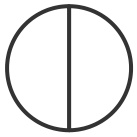
Halves and quarters

Part 1

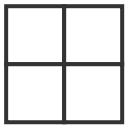
Adam's tip
A half is 1 of 2 equal parts. A quarter is 1 of 4.

And fulfil every promise. Indeed, the promise will be asked about. — Qur'an 17:34

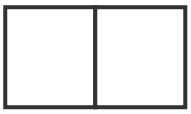
A Colour the fraction of each shape.



$\frac{1}{2}$



$\frac{1}{4}$



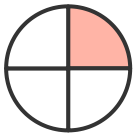
$\frac{1}{2}$

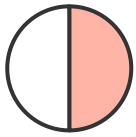


$\frac{1}{4}$

B What fraction is shaded?







C Circle $\frac{1}{2}$ of the balls.



$\frac{1}{2}$ of 12 = ☐

D Find the fraction of each amount.

$\frac{1}{2}$ of 10 = ☐

$\frac{1}{4}$ of 16 = ☐

$\frac{1}{2}$ of 4 = ☐

$\frac{1}{4}$ of 8 = ☐

$\frac{1}{2}$ of 8 = ☐

How did I do? ☆ ☆ ☆

Mashallah, well done!



Halves and quarters

Part 2

Adam's tip
A half is 1 of 2 equal parts. A quarter is 1 of 4.

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

A Circle $\frac{1}{4}$ of the balls.



$\frac{1}{4}$ of 12 = ☐

B Find the fraction of each amount.

$\frac{1}{4}$ of 8 = ☐

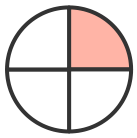
$\frac{1}{2}$ of 10 = ☐

$\frac{1}{2}$ of 6 = ☐

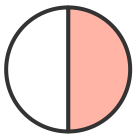
$\frac{1}{2}$ of 4 = ☐

$\frac{1}{4}$ of 16 = ☐

C What fraction is shaded?



☐



☐



☐

D Circle $\frac{1}{2}$ of the balls.



$\frac{1}{2}$ of 10 = ☐



Halves and quarters

Part 3

Adam's tip
A half is 1 of 2 equal parts. A quarter is 1 of 4.

"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 fraction of each amount.

$\frac{1}{4}$ of 20 = ☐ $\frac{1}{4}$ of 16 = ☐ $\frac{1}{2}$ of 10 = ☐

$\frac{1}{4}$ of 12 = ☐ $\frac{1}{4}$ of 8 = ☐

B Find the fraction of each amount.

$\frac{1}{2}$ of 10 = ☐ $\frac{1}{2}$ of 4 = ☐ $\frac{1}{2}$ of 6 = ☐

$\frac{1}{4}$ of 16 = ☐



Position and direction Part 1

Adam's tip
Left and right: hold up your left hand to check!

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

A Left and right.



What is just to the **left** of 🌙 ? ☐

What is just to the **right** of 🌙 ? ☐

What is **first** in the line? ☐

B Moving on a grid.

		🍎		⭐
🥫				
	🌳			
🌙				💧

Start at 🌳. Go 3 right and 1 down. What do you find?

☐

Start at 🌳. Go 1 right and 2 up. What do you find?

☐

Start at 🌳. Go 1 left and 1 up. What do you find?

☐



Position and direction Part 2

Adam's tip
Left and right: hold up your left hand to check!

"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 Left and right.



What is just to the **left** of 🍎 ? ☐

What is just to the **right** of 🍎 ? ☐

What is **first** in the line? ☐

B Moving on a grid.



Start at 💧. Go 3 left and 1 up. What do you find? ☐

Start at 💧. Go 1 right and 2 down. What do you find? ☐

Start at 💧. Go 2 left. What do you find? ☐



Position and direction Part 3

Adam's tip
Left and right: hold up your left hand to check!

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

A Left and right.



What is just to the **left** of  ? ☐

What is just to the **right** of  ? ☐

What is **first** in the line? ☐

B Left and right.



What is just to the **left** of  ? ☐

What is just to the **right** of  ? ☐

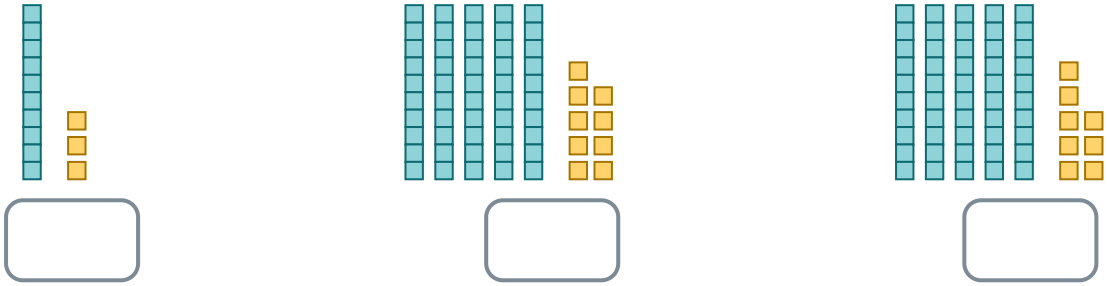
What is **first** in the line? ☐

Numbers to 100 Part 1

Adam's tip
Count the tens first, then the ones.

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

A Write the number shown by the blocks.



B Partition the numbers.

54 = ☐ tens and ☐ ones

5 tens and 3 ones = ☐

81 = 80 + ☐

48 = 40 + ☐

19 = ☐ tens and ☐ ones

65 = ☐ tens and ☐ ones

C Write <, > or =.

69 ◯ 69

10 ◯ 19

97 ◯ 56

50 ◯ 65

27 ◯ 52

52 ◯ 43

D Put these numbers in order, smallest first.

20	13	33	69	7
☐	☐	☐	☐	☐



Bismillah · Adam's Maths · Year 1 · Term 3 · Masjid al-Aqsa

Numbers to 100 Part 2

Adam's tip
Count the tens first, then the 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 Find the missing numbers in each pattern.

4 , ☐ , 8 , 10 , ☐ , 14

15 , 20 , 25 , 30 , ☐ , ☐

10 , ☐ , 20 , ☐ , 30 , 35

45 , ☐ , 35 , 30 , 25 , ☐

B More or less?

1 less than 41 is ☐

1 less than 14 is ☐

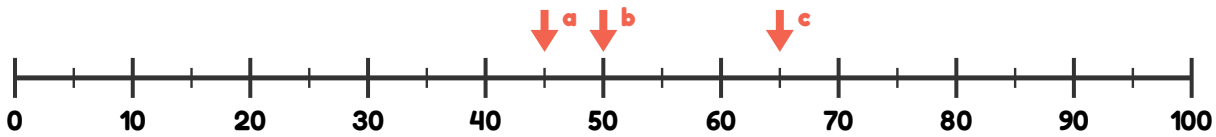
10 less than 62 is ☐

1 more than 20 is ☐

1 more than 3 is ☐

10 more than 53 is ☐

C What numbers are the arrows pointing to?



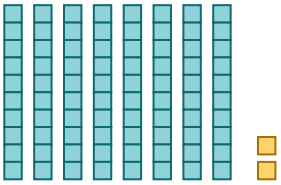
a = ☐ b = ☐ c = ☐

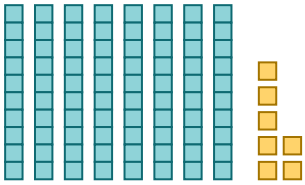
Numbers to 100 Part 3

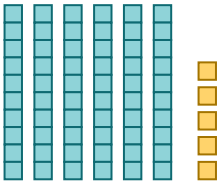
Adam's tip
Count the tens first, then the ones.

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.

7 tens and 5 ones = ☐

5 tens and 5 ones = ☐

64 = 60 + ☐

86 = ☐ tens and ☐ ones

68 = ☐ tens and ☐ ones

72 = ☐ tens and ☐ ones

C Write <, > or =.

82 ◯ 3

56 ◯ 54

70 ◯ 78

15 ◯ 25

4 ◯ 11

8 ◯ 55

D Put these numbers in order, smallest first.

86 **2** **26** **10** **89**

☐ ☐ ☐ ☐ ☐

How did I do? ☆ ☆ ☆

Mashallah, well done!



Money Part 1

Adam's tip
Look at the number on each coin, not its size.

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 How much money?

10p 5p 2p 2p = ☐

5p 1p = ☐

10p 2p 2p 1p = ☐

5p 2p 2p = ☐

B Add the amounts.

26p + 27p = ☐

15p + 34p = ☐

6p + 23p = ☐

42p + 26p = ☐

8p + 35p = ☐

20p + 22p = ☐

C The masjid charity stall. All the money goes to the orphans' fund.

kite	scarf	teddy	paint set
17p	34p	72p	75p

kite + scarf = ☐

2 × teddy = ☐

How much more is the paint set than the kite? ☐

How did I do? ☆ ☆ ☆

Alhamdulillah, that's excellent!



Money Part 2

Adam's tip
Look at the number on each coin, not its size.

And know that your properties and your children are but a trial, and that Allah has with Him a great reward. — Qur'an 8:28

A How much money?

5p 5p = ☐

10p 10p 5p = ☐

2p 1p = ☐

10p 10p 2p = ☐

B Add the amounts.

23p + 37p = ☐

34p + 44p = ☐

8p + 28p = ☐

7p + 36p = ☐

41p + 38p = ☐

41p + 43p = ☐

C The masjid charity stall. All the money goes to the orphans' fund.

story book	paint set	scarf	plant pot
54p	28p	52p	57p

story book + paint set = ☐

2 × scarf = ☐

How much more is the plant pot than the story book? ☐

How did I do? ☆ ☆ ☆

Barakallahu feek!



Money Part 3

Adam's tip
Look at the number on each coin, not its size.

Believe in Allah and His Messenger and spend out of that in which He has made you successors. Qur'an 57:7

A How much money?

5p 2p 1p = ☐

5p 5p 2p 1p = ☐

10p 2p = ☐

B Add the amounts.

32p + 31p = ☐

11p + 12p = ☐

43p + 32p = ☐

31p + 13p = ☐

17p + 5p = ☐

29p + 11p = ☐

C The masjid charity stall. All the money goes to the orphans' fund.

 paint set **11p**	 scarf **42p**	 plant pot **73p**	 kite **26p**

paint set + scarf = ☐

2 × plant pot = ☐

How much more is the kite than the paint set? ☐

Time Part 1

Adam's tip
The short hand shows the hour.

Indeed, prayer has been decreed upon the believers at specified times. Qur'an 4:103

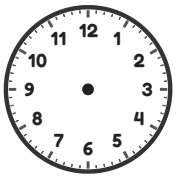
A What time does each clock show?

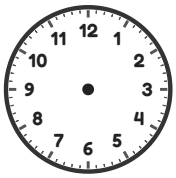


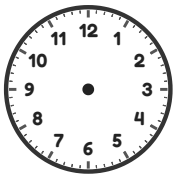


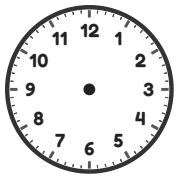

_____ _____ _____ _____

B Draw the hands on the clocks.


8 o'clock


8 o'clock


2 o'clock


3 o'clock

C Days and months.

What day comes after **Sunday** ? _____

What day comes before **Wednesday** ? _____

What month comes after **April** ? _____

How many days are in a week? ☐



Time Part 2

Adam's tip
The short hand shows the hour.

O you who believe, seek help through patience and prayer. Indeed, Allah is with the patient. — Qur'an 2:153

A Time facts.

There are ____ months in a year.

There are ____ hours in a day.

There are ____ minutes in an hour.

There are ____ days in a week.

B What time does each clock show?



_____



_____

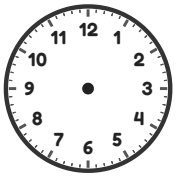


_____

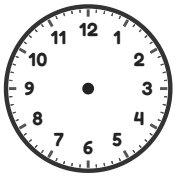


_____

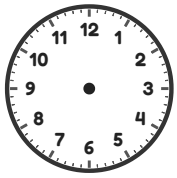
C Draw the hands on the clocks.



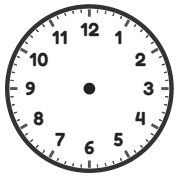
12 o'clock



half past 11



11 o'clock



half past 8

How did I do? ☆ ☆ ☆

Mashallah, brilliant work!



Time Part 3

Adam's tip
The short hand shows the hour.

Your Lord has decreed that you worship none but Him, and that you be good to your parents. Qur'an 17:23

A Days and months.

What day comes after **Thursday** ? _____

What day comes before **Sunday** ? _____

What month comes after **March** ? _____

How many days are in a week? ☐

B Time facts.

There are ☐ minutes in an hour.

There are ☐ hours in a day.

There are ☐ months in a year.

There are ☐ days in a week.

C What time does each clock show?



_____



_____



_____



_____



End-of-term challenge

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

My Lord, increase me in knowledge. — Qur'an 20:114

Time: 20 minutes **Score: ____ / 20**

1. double 8 = ____
2. $\frac{1}{2}$ of 14 = ____
3. 28 + 1 = ____
4. 8p + 43p = ____
5. 6 + 6 = ____
6. 9 + 7 = ____
7. 15 − 11 = ____
8. double 1 = ____
9. $\frac{1}{2}$ of 10 = ____
10. 27 + 10 = ____
11. 16p + 44p = ____
12. 5 + 5 = ____
13. 2 + 16 = ____
14. 10 − 8 = ____
15. double 6 = ____
16. $\frac{1}{4}$ of 40 = ____
17. 16 + 1 = ____
18. 34p + 12p = ____
19. 6 + 6 = ____
20. 12 + 8 = ____

How did I do? ☆ ☆ ☆

Mashallah, you're a star!



For grown-ups

Answers

p.3 Grouping and sharing (part 1)

A: 8
B: 4, 8, 6, 8, 12, 18
C: 2, 3, 5, 4
D: 25 & 40, 50 & 70, 8 & 16

p.4 Grouping and sharing (part 2)

A: 2 × 4 = 8 (or 4 × 2 = 8); 3 × 2 = 6 (or 2 × 3 = 6)
B: 15
C: 6, 16, 2, 5, 20
D: 3, 5, 4, 5

p.5 Grouping and sharing (part 3)

A: 20 & 35, 60 & 80, 10 & 12
B: 5 × 3 = 15 (or 3 × 5 = 15); 5 × 5 = 25 (or 5 × 5 = 25)
C: 6
D: 10, 12, 5, 20, 2, 16

p.6 Grouping and sharing (part 4)

A: 4, 3, 5, 5
B: 10 & 14, 50 & 80, 25 & 35
C: 4 × 4 = 16 (or 4 × 4 = 16); 5 × 3 = 15 (or 3 × 5 = 15)

p.7 Grouping and sharing (part 5)

A: 2, 16, 14, 6, 8
B: 2, 4, 4
C: 10 & 20, 60 & 70, 10 & 14
D: 9

p.8 Halves and quarters (part 1)

A: colour 1 of 2 parts; colour 1 of 4 parts; colour 1 of 2 parts; colour 1 of 4 parts
B: 1/2, 1/4, 1/2
C: 6
D: 5, 4, 2, 2, 4

p.9 Halves and quarters (part 2)

A: 3
B: 2, 5, 3, 2, 4
C: 1/4, 1/2, 1/2
D: 5

p.10 Halves and quarters (part 3)

A: 5, 4, 5, 3, 2
B: 5, 2, 3, 4

p.11 Position and direction (part 1)

A: 🌳, 🥫, 🌻
B: 💧, 🍎, 🥫

p.12 Position and direction (part 2)

A: ⭐, 🥫, 🌻
B: 🌳, 🍎, 🥫

p.13 Position and direction (part 3)

A: 🐦, 🌳, ⭐
B: ⭐, 🌙, 🌳



For grown-ups

Answers (continued)

p.14 Numbers to 100 (part 1)

A: 13, 59, 58
B: 5 tens 4 ones, 53, 1, 8, 1 ten 9 ones, 6 tens 5 ones
C: =, <, >, <, <, >
D: 7, 13, 20, 33, 69

p.15 Numbers to 100 (part 2)

A: 6 & 12, 35 & 40, 15 & 25, 40 & 20
B: 40, 13, 52, 21, 4, 63
C: a = 45, b = 50, c = 65

p.16 Numbers to 100 (part 3)

A: 82, 87, 65
B: 75, 55, 4, 8 tens 6 ones, 6 tens 8 ones, 7 tens 2 ones
C: >, >, <, <, <, <
D: 2, 10, 26, 86, 89

p.17 Money (part 1)

A: 19p, 6p, 15p, 9p
B: 53p, 49p, 29p, 68p, 43p, 42p
C: 51p, £1.44, 58p

p.18 Money (part 2)

A: 10p, 25p, 3p, 22p
B: 60p, 78p, 36p, 43p, 79p, 84p
C: 82p, £1.04, 3p

p.19 Money (part 3)

A: 8p, 13p, 12p
B: 63p, 23p, 75p, 44p, 22p, 40p
C: 53p, £1.46, 15p

p.20 Time (part 1)

A: half past 11; half past 10; 6 o'clock; half past 1
B: 8 o'clock; 8 o'clock; 2 o'clock; 3 o'clock (check the hands)
C: Monday, Tuesday, May, 7

p.21 Time (part 2)

A: 12, 24, 60, 7
B: half past 8; 2 o'clock; half past 8; 10 o'clock
C: 12 o'clock; half past 11; 11 o'clock; half past 8 (check the hands)

p.22 Time (part 3)

A: Friday, Saturday, April, 7
B: 60, 24, 12, 7
C: half past 7; half past 12; 8 o'clock; 9 o'clock

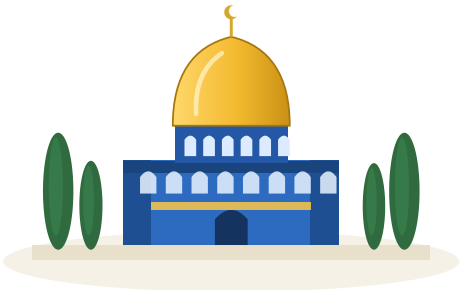
p.23 End-of-term challenge

1) 16, 2) 7, 3) 29, 4) 51p, 5) 12, 6) 16, 7) 4, 8) 2, 9) 5, 10) 37, 11) 60p, 12) 10, 13) 18, 14) 2, 15) 12, 16) 10, 17) 17, 18) 46p, 19) 12, 20) 20

Mashallah!

Maths Superstar





This is to say that

_____

has completed **Adam's Maths – Year 1, Term 3**. Alhamdulillah for all your hard work! May Allah bless your learning.

_____ _____

Signed **Date**



Adam's Maths · Year 1

Adam's handy helpers

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 × 2 = **2**
2 × 2 = **4**
3 × 2 = **6**
4 × 2 = **8**
5 × 2 = **10**
6 × 2 = **12**
7 × 2 = **14**
8 × 2 = **16**
9 × 2 = **18**
10 × 2 = **20**
11 × 2 = **22**
12 × 2 = **24**

5 times table

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

10 times table

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

Bonds to 10: 0+10 · 1+9 · 2+8 · 3+7 · 4+6 · 5+5

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