

Key Stage 1 · Ages 5–6

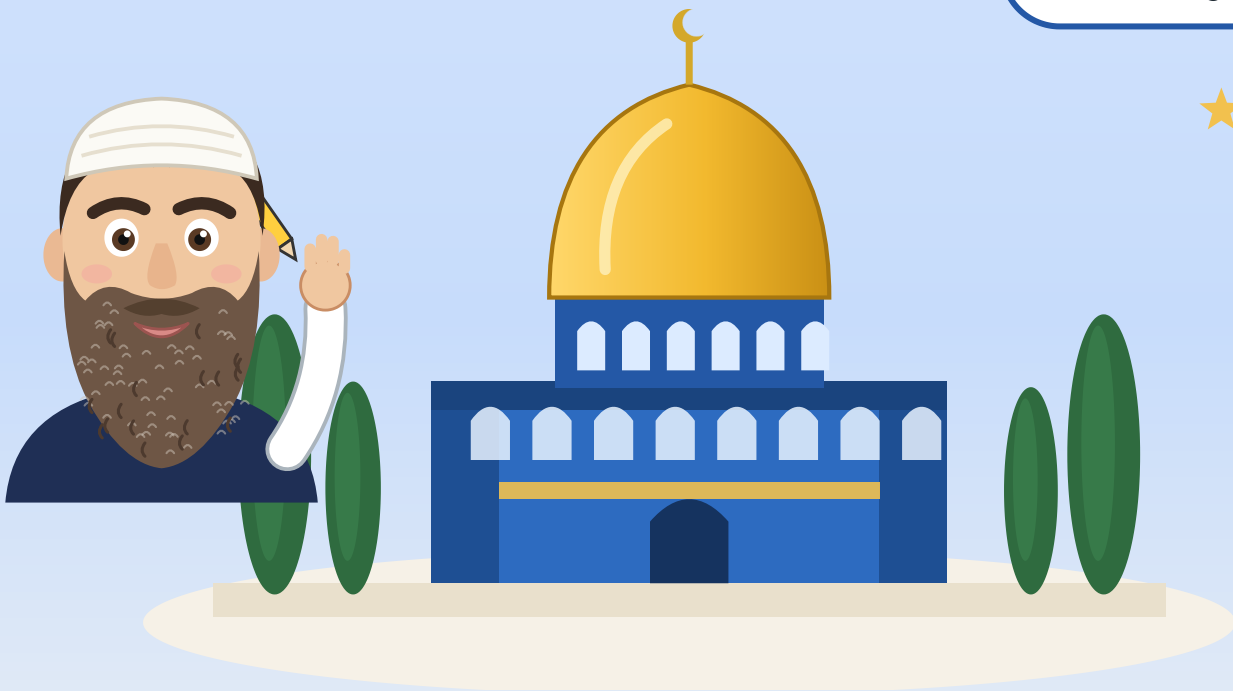
Adam's Maths

Learning, growing, alhamdulillah

Year 1

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

Bismillah! Let's
learn together!



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.



Grouping and sharing

Part 1

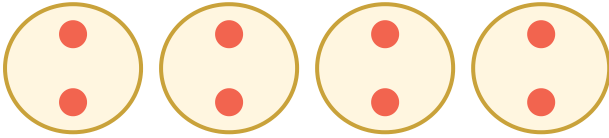
Adam's tip

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 ,



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.

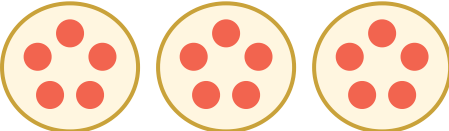


$$\square \times \square = \square$$



$$\square \times \square = \square$$

B How many altogether?



3 groups of 5 = $\square$

C Doubles and halves.

double 3 = $\square$

double 8 = $\square$

double 1 = $\square$

half of 10 = $\square$

double 10 = $\square$

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

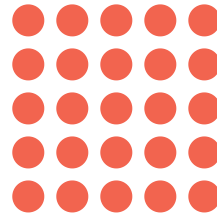
30 , 40 , 50 , , 70 ,

6 , 8 , , , 14 , 16

B Write a multiplication for each array.

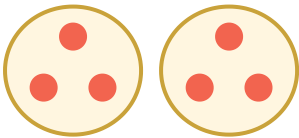


$$\square \times \square = \square$$



$$\square \times \square = \square$$

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 =



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

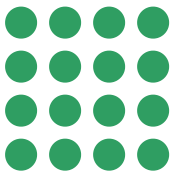
B Count in 2s, 5s and 10s.

4 , 6 , 8 , , 12 ,

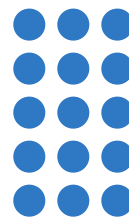
30 , 40 , , 60 , 70 ,

15 , 20 , , 30 , , 40

C Write a multiplication for each array.



$$\square \times \square = \square$$



$$\square \times \square = \square$$



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.

$$\text{half of } 4 = \boxed{}$$

$$\text{double } 8 = \boxed{}$$

$$\text{double } 7 = \boxed{}$$

$$\text{half of } 12 = \boxed{}$$

$$\text{half of } 16 = \boxed{}$$

B Share equally.

Share 8 between 4. Each gets

Share 8 between 2. Each gets

Share 12 between 3. Each gets

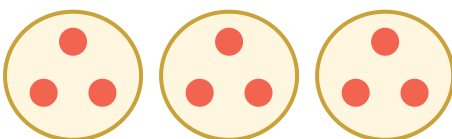
C Count in 2s, 5s and 10s.

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

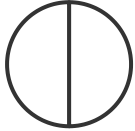
Adam's tip

A half is 1 of 2 equal parts. A quarter is 1 of 4.

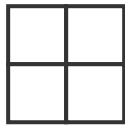
And fulfil every promise. Indeed, the promise will be asked about.

Qur'an 17:34

A Colour the fraction of each shape.



$\frac{1}{2}$



$\frac{1}{4}$

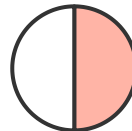
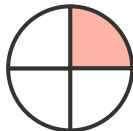
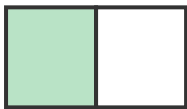


$\frac{1}{2}$



$\frac{1}{4}$

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 =



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.



B Find the fraction of each amount.

$$\frac{1}{4} \text{ of } 8 = \boxed{}$$

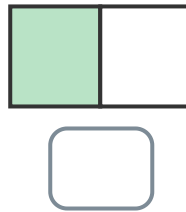
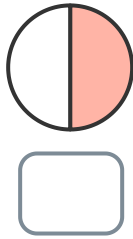
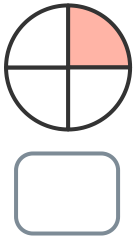
$$\frac{1}{2} \text{ of } 10 = \boxed{}$$

$$\frac{1}{2} \text{ of } 6 = \boxed{}$$

$$\frac{1}{2} \text{ of } 4 = \boxed{}$$

$$\frac{1}{4} \text{ of } 16 = \boxed{}$$

C What fraction is shaded?



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





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.

$$\frac{1}{4} \text{ of } 20 = \boxed{}$$

$$\frac{1}{4} \text{ of } 16 = \boxed{}$$

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

$$\frac{1}{4} \text{ of } 12 = \boxed{}$$

$$\frac{1}{4} \text{ of } 8 = \boxed{}$$

B Find the fraction of each amount.

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

$$\frac{1}{2} \text{ of } 4 = \boxed{}$$

$$\frac{1}{2} \text{ of } 6 = \boxed{}$$

$$\frac{1}{4} \text{ of } 16 = \boxed{}$$



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  ?

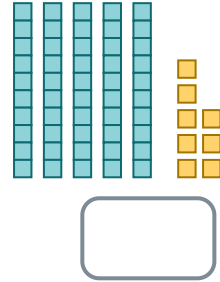
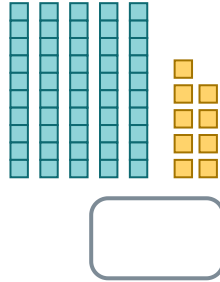
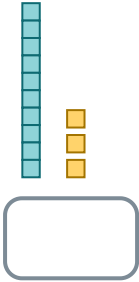
What is **first** in the line?



"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



"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

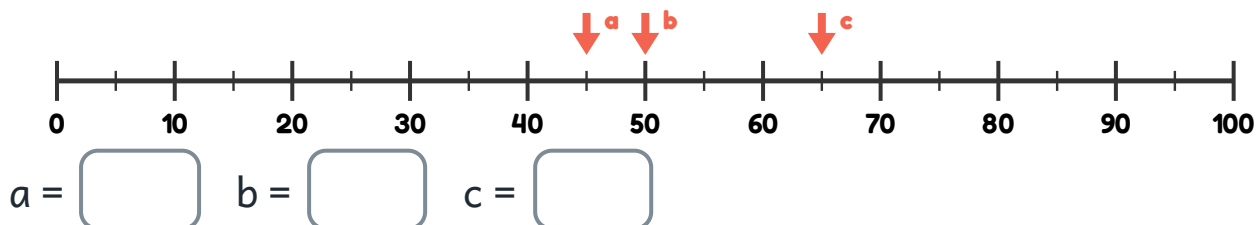
10 less than 62 is

1 more than 20 is

1 more than 3 is

10 more than 53 is

C What numbers are the arrows pointing to?

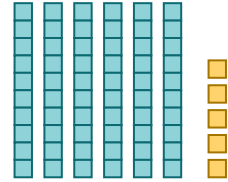
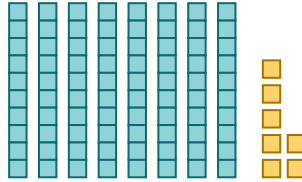
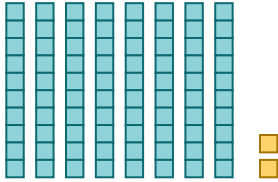




If you are grateful, I will surely increase you.

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



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

17p



scarf

34p



teddy

72p



paint set

75p

kite + scarf =

2 × teddy =

How much more is the paint set than the kite?



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

54p



paint set

28p



scarf

52p



plant pot

57p

story book + paint set =

2 × scarf =

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



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?



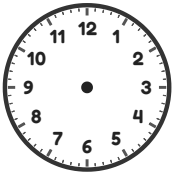
Indeed, prayer has been decreed upon the believers at specified times.

Qur'an 4:103

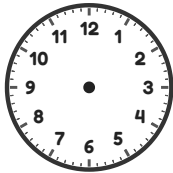
A What time does each clock show?



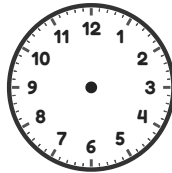
B Draw the hands on the clocks.



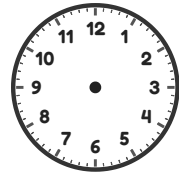
8 o'clock



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?



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.

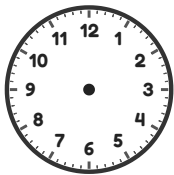
There are minutes in an hour.

There are days in a week.

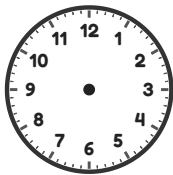
B What time does each clock show?



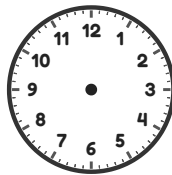
C Draw the hands on the clocks.



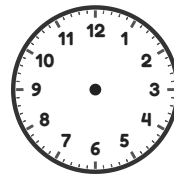
12 o'clock



half past 11



11 o'clock



half past 8



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 $12 + 8 =$



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: $2 \times 4 = 8$ (or $4 \times 2 = 8$); $3 \times 2 = 6$ (or $2 \times 3 = 6$)
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: $5 \times 3 = 15$ (or $3 \times 5 = 15$); $5 \times 5 = 25$ (or $5 \times 5 = 25$)
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: $4 \times 4 = 16$ (or $4 \times 4 = 16$); $5 \times 3 = 15$ (or $3 \times 5 = 15$)
D: 9

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

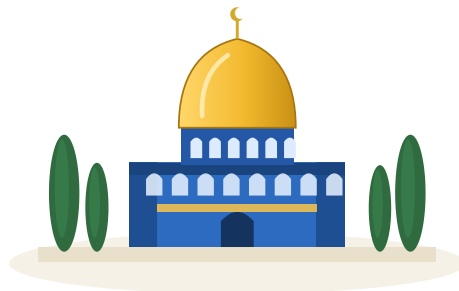
1) 16, 2) 7, 3) 29, 4) 51p, 5) 12, 6) 16, 7) 4, 8) 2, 9)

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

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

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)