

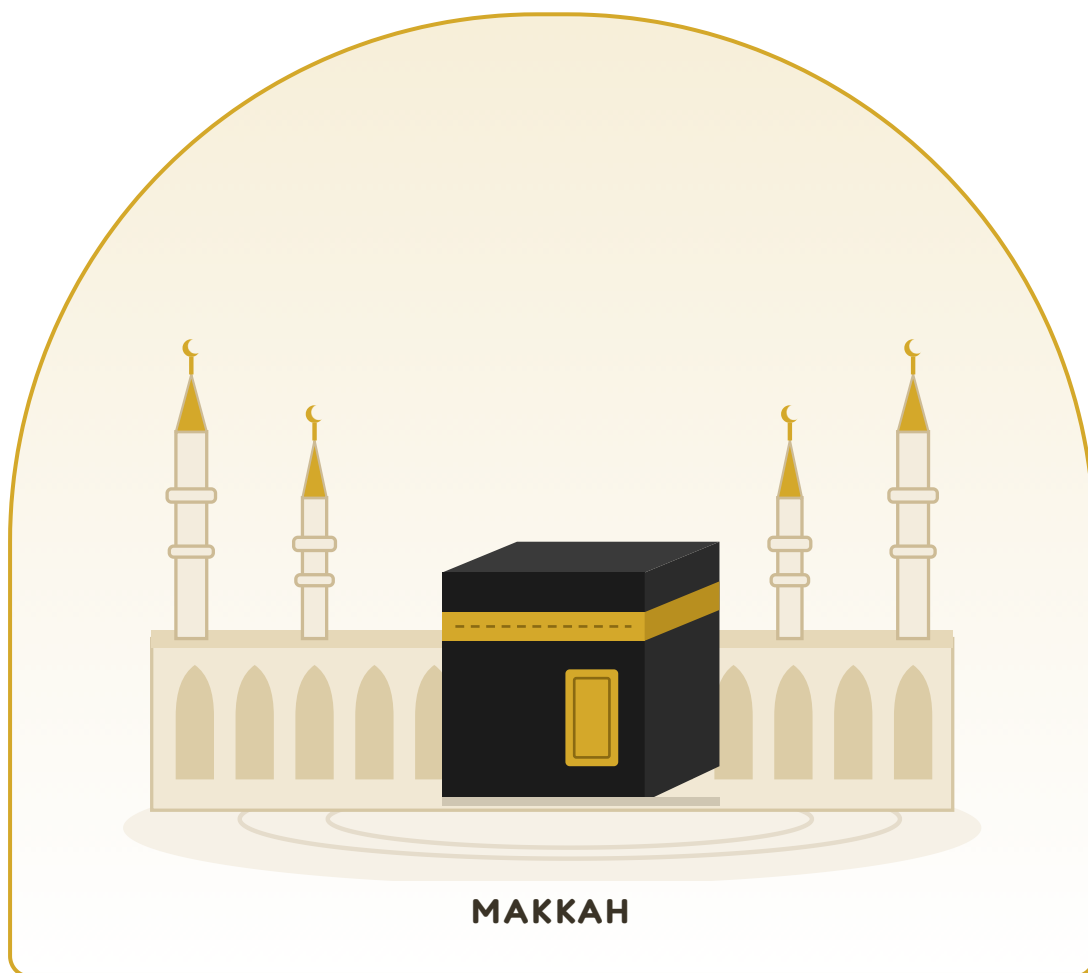


Adam's Maths
Learning, growing, alhamdulillah

Key Stage 2 · Ages 9–10

Year 5 • Term 1

Practice & Question Book



Name: _____

Place value to 1,000,000 · Adding and taking away · Multiples, factors and primes · Fractions



Assalamu alaikum! I'm Adam.

Welcome to your Year 5, 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 1,000,000 (part 1)	☆☆☆
4	Place value to 1,000,000 (part 2)	☆☆☆
5	Place value to 1,000,000 (part 3)	☆☆☆
6	Place value to 1,000,000 (part 4)	☆☆☆
7	Place value to 1,000,000 (part 5)	☆☆☆
8	Adding and taking away (part 1)	☆☆☆
9	Adding and taking away (part 2)	☆☆☆
10	Adding and taking away (part 3)	☆☆☆
11	Adding and taking away (part 4)	☆☆☆
12	Adding and taking away (part 5)	☆☆☆

Page	Topic	Stars
14	Multiples, factors and primes (part 2)	☆☆☆
15	Multiples, factors and primes (part 3)	☆☆☆
16	Multiples, factors and primes (part 4)	☆☆☆
17	Multiples, factors and primes (part 5)	☆☆☆
18	Fractions (part 1)	☆☆☆
19	Fractions (part 2)	☆☆☆
20	Fractions (part 3)	☆☆☆
21	Fractions (part 4)	☆☆☆
22	Fractions (part 5)	☆☆☆

For grown-ups: This book follows the Year 5 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 themselves are neutral and SATs-style. Answers start on page 24. Print on A4 at 100% scale and staple down the left-hand side.



Place value to 1,000,000

Part 1

Adam's tip

Use commas to split big numbers into groups of 3 digits.

If you are grateful, I will surely increase you.

Qur'an 14:7

A What is the highlighted digit worth?

702,485

457,590

988,540

702,645

908,825

601,978

B Fill in the missing part.

$$796,670 = \boxed{} + 90,000 + 6,000 + 600 + 70$$

$$227,433 = 200,000 + 20,000 + 7,000 + 400 + \boxed{} + 3$$

$$991,730 = 900,000 + \boxed{} + 1,000 + 700 + 30$$

$$714,282 = 700,000 + 10,000 + 4,000 + \boxed{} + 80 + 2$$

C Write <, > or =.

$$534,619 \bigcirc 874,336$$

$$808,992 \bigcirc 807,992$$

$$708,497 \bigcirc 708,587$$

$$62,426 \bigcirc 239,054$$

$$373,381 \bigcirc 382,381$$

$$75,233 \bigcirc 75,323$$



Place value to 1,000,000

Part 2

Adam's tip

Use commas to split big numbers into groups of 3 digits.

Recite in the name of your Lord who created.

Qur'an 96:1

A Put these numbers in order, smallest first.

111,024

358,686

185,120

638,399

47,428

B Find the missing numbers in each pattern.

175,000 , 200,000 , 225,000 , , 275,000 ,

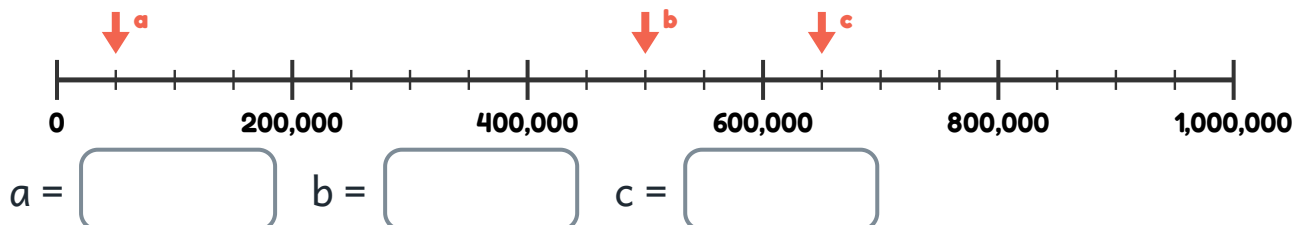
0 , , 50,000 , 75,000 , 100,000 ,

30,000 , 40,000 , 50,000 , , , 80,000

120,000 , , 140,000 , 150,000 , 160,000 ,

Working out

C What numbers are the arrows pointing to?





Place value to 1,000,000

Part 3

Adam's tip

Use commas to split big numbers into groups of 3 digits.

"Your smile for your brother is charity."

Hadith, Tirmidhi

A More or less?

1,000 less than 498,129 is

10,000 more than 874,730 is

1,000 less than 544,779 is

100,000 more than 502,804 is

10,000 more than 407,909 is

10,000 more than 783,671 is

B Write these numbers in digits.

nine hundred and forty-three thousand three hundred and seventy-two

six hundred and six thousand nine hundred and fifty-six

one hundred and forty-one thousand nine hundred and forty-five

Write **723,559** in words:



Place value to 1,000,000

Part 4

Adam's tip

Use commas to split big numbers into groups of 3 digits.

"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.

319,664 to the nearest 1,000:

18,753 to the nearest 1,000:

483,998 to the nearest 100,000:

952,881 to the nearest 100,000:

720,435 to the nearest 10,000:

134,213 to the nearest 100,000:

B Roman numerals.

MDXXXII =

715 =

MDCCCXVII =

1482 =

DCCXXXI =

1154 =

C Put these numbers in order, smallest first.

205,712

236,273

986,284

337,568

685,682



Place value to 1,000,000

Part 5

Adam's tip

Use commas to split big numbers into groups of 3 digits.

If you are grateful, I will surely increase you.

Qur'an 14:7

A What is the highlighted digit worth?

926,713

747,901

881,910

494,127

298,950

322,990

B Fill in the missing part.

$$567,796 = 500,000 + 60,000 + 7,000 + 700 + 90 +$$

$$280,316 = 200,000 +$$

$$+ 300 + 10 + 6$$

$$925,443 = 900,000 + 20,000 + 5,000 + 400 + 40 +$$

$$87,962 = 80,000 + 7,000 + 900 + 60 +$$

C Write <, > or =.

452,262 116,789

594,623 594,626

679,959 779,959

723,124 714,124

717,038 952,982

690,457 362,730



Adding and taking away

Part 1

Adam's tip

Use the column method for big numbers.

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.

$237,205 + 1,000 = \boxed{}$

$419,167 + 9,000 = \boxed{}$

$171,389 + 2,000 = \boxed{}$

$547,422 + 900,000 = \boxed{}$

$636,438 + 700,000 = \boxed{}$

$216,634 + 8,000 = \boxed{}$

Working out

B Take away.

$357,201 - 60,000 = \boxed{}$

$1,453,513 - 900,000 = \boxed{}$

$686,989 - 300,000 = \boxed{}$

$315,868 - 100,000 = \boxed{}$

$1,384,749 - 800,000 = \boxed{}$

$324,647 - 80,000 = \boxed{}$

Working out



Adding and taking away

Part 2

Adam's tip

Use the column method for big numbers.

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

	2	8	4	6	7
+	4	3	4	7	5

	4	6	7	1	1
-		6	2	6	4

	9	8	3	4	9
+	3	7	4	7	5

B Find the missing number.

$259,328 + \boxed{} = 261,328$

$\boxed{} - 2,000 = 215,536$

$\boxed{} - 300,000 = 247,595$

$\boxed{} - 30,000 = 142,336$

$518,715 + \boxed{} = 525,715$

$\boxed{} - 50,000 = 443,984$

Working out

C Number bonds to 1,000,000.

$950,000 + \boxed{} = 1,000,000$

$200,000 + \boxed{} = 1,000,000$

$\boxed{} + 50,000 = 1,000,000$

$300,000 + \boxed{} = 1,000,000$

$250,000 + \boxed{} = 1,000,000$

$900,000 + \boxed{} = 1,000,000$



Adding and taking away

Part 3

Adam's tip

Use the column method for big numbers.

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 10,000.

$$59,917 + 57,377 \approx \boxed{} + \boxed{} = \boxed{}$$

$$45,643 + 54,898 \approx \boxed{} + \boxed{} = \boxed{}$$

$$34,334 + 59,543 \approx \boxed{} + \boxed{} = \boxed{}$$

Working out

B Use the first fact to help you.

$$40,936 + 43,967 = 84,903$$

$$84,903 - 43,967 =$$

$$84,903 - 40,936 =$$

$$43,967 + 40,936 =$$

C Use the column method.

	5	8	0	6	0
+	2	6	2	3	3

	7	7	0	4	7
-	4	7	6	0	8

	2	0	4	5	9
+	1	7	6	3	7



Adding and taking away

Part 4

Adam's tip

Use the column method for big numbers.

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.

Ruby has 45,979 pencils. Yusuf gives Ruby 36,072 more. How many pencils does Ruby have now?

working out

pencils

A school buys 14 boxes of pencils with 12 pencils in each box. 14 pencils are given out. How many pencils are left?

working out

pencils

Ruby buys a book for £8.11 and a pen for £4.47. How much change does Ruby get from £20.00?

working out

There are 69,371 shells in a box. Noah takes out 19,753. How many are left?

working out

shells

B Add.

$$586,634 + 800,000 = \boxed{}$$

$$307,627 + 5,000 = \boxed{}$$

$$519,794 + 4,000 = \boxed{}$$

$$372,664 + 2,000 = \boxed{}$$

$$343,258 + 30,000 = \boxed{}$$

$$560,947 + 300,000 = \boxed{}$$

Working out



Adding and taking away

Part 5

Adam's tip

Use the column method for big numbers.

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 Take away.

$313,866 - 2,000 = \boxed{}$

$315,100 - 5,000 = \boxed{}$

$849,241 - 500,000 = \boxed{}$

$1,469,322 - 800,000 = \boxed{}$

$144,510 - 60,000 = \boxed{}$

$401,182 - 40,000 = \boxed{}$

Working out

B Find the missing number.

$\boxed{} - 200,000 = 106,899$

$\boxed{} - 100,000 = 196,968$

$128,266 + \boxed{} = 133,266$

$\boxed{} - 5,000 = 262,139$

$\boxed{} - 90,000 = 285,231$

$104,563 + \boxed{} = 124,563$

Working out



Multiples, factors and primes

Part 1

Adam's tip

A prime number has exactly 2 factors.

Whoever comes with a good deed will have ten times the like of it.

Qur'an 6:160

A List all the factors.

Factors of 48 : _____

Factors of 60 : _____

Factors of 18 : _____

B Circle the prime numbers.

18

14

16

7

24

43

27

25

3

45

Which of these are multiples of 6? _____

C Square and cube numbers.

$7^2 = \square$

$3^2 = \square$

$2^3 = \square$

$9^2 = \square$

$3^3 = \square$

$2^2 = \square$



Multiples, factors and primes

Part 2

Adam's tip

A prime number has exactly 2 factors.

"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, 1000.

$8,880 \div 10 = \boxed{}$

$9,400 \div 100 = \boxed{}$

$950 \div 10 = \boxed{}$

$600 \div 10 = \boxed{}$

$7,400 \div 100 = \boxed{}$

$28 \times 1,000 = \boxed{}$

Working out

B Word problems.

There are 24 shells in each packet.
How many shells are there in 16 packets?

working out

 shells

760 marbles are shared equally
between 8 children. How many marbles
does each child get?

working out

 marbles

A school buys 25 boxes of pencils with
15 pencils in each box. 109 pencils are
given out. How many pencils are left?

working out

 pencils

There are 12 cards in each packet. How
many cards are there in 12 packets?

working out

 cards



Multiples, factors and primes

Part 3

Adam's tip

A prime number has exactly 2 factors.

And they give food, in spite of love for it, to the needy, the orphan and the captive.

Qur'an 76:8

A List all the factors.

Factors of 18 : _____

Factors of 48 : _____

Factors of 12 : _____

B Circle the prime numbers.

30

22

26

47

14

7

15

35

4

3

Which of these are multiples of 4? _____

C Square and cube numbers.

$$7^2 = \boxed{}$$

$$3^2 = \boxed{}$$

$$4^2 = \boxed{}$$

$$6^2 = \boxed{}$$

$$2^2 = \boxed{}$$

$$12^2 = \boxed{}$$



Multiples, factors and primes

Part 4

Adam's tip

A prime number has exactly 2 factors.

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 Multiply and divide by 10, 100, 1000.

$43 \times 1,000 = \boxed{}$

$234 \times 100 = \boxed{}$

$750 \div 10 = \boxed{}$

$736 \times 10 = \boxed{}$

$53 \times 100 = \boxed{}$

$79,300 \div 100 = \boxed{}$

Working out

B Word problems.

There are 15 sweets in each packet.
How many sweets are there in 9 packets?

working out

 sweets

1,746 sweets are shared equally
between 9 children. How many sweets
does each child get?

working out

 sweets

A school buys 40 boxes of pencils with
15 pencils in each box. 170 pencils are
given out. How many pencils are left?

working out

 pencils

There are 36 badges in each packet.
How many badges are there in 27
packets?

working out

 badges



Multiples, factors and primes

Part 5

Adam's tip

A prime number has exactly 2 factors.

Whoever comes with a good deed will have ten times the like of it.

Qur'an 6:160

A List all the factors.

Factors of 48 : _____

Factors of 12 : _____

Factors of 40 : _____

B Circle the prime numbers.

14

12

9

43

15

46

36

42

25

19

Which of these are multiples of 3? _____

C Square and cube numbers.

$10^2 = \boxed{}$

$4^2 = \boxed{}$

$6^2 = \boxed{}$

$5^2 = \boxed{}$



Fractions

Part 1**Adam's tip**

Multiply the top and bottom by the same number.

So as for the orphan, do not oppress him.

Qur'an 93:9

A Fill in the missing numbers to make equivalent fractions.

$$\frac{4}{8} = \frac{\boxed{}}{40}$$

$$\frac{6}{7} = \frac{30}{\boxed{}}$$

$$\frac{1}{3} = \frac{\boxed{}}{15}$$

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

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

$$\frac{3}{8} = \frac{12}{\boxed{}}$$

Working out

B Change mixed numbers into improper fractions, and back again.

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

$$\frac{9}{2} = \boxed{}$$

$$4 \frac{1}{5} = \boxed{}$$

$$\frac{25}{6} = \boxed{}$$

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

$$\frac{7}{3} = \boxed{}$$

C Write <, > or =.

$$\frac{3}{5} \bigcirc \frac{1}{2}$$

$$\frac{5}{6} \bigcirc \frac{2}{3}$$

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

$$\frac{1}{6} \bigcirc \frac{2}{3}$$

$$\frac{1}{2} \bigcirc \frac{1}{2}$$

**Adam's tip**

Multiply the top and bottom by the same number.

O you who believe, stand firm for justice.

Qur'an 4:135

A Add and subtract. Find a common denominator first. Simplify your answers.

$$\frac{1}{2} + \frac{2}{3} = \boxed{}$$

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

$$\frac{1}{2} + \frac{1}{3} = \boxed{}$$

$$\frac{2}{3} + \frac{1}{3} = \boxed{}$$

$$\frac{2}{3} + \frac{7}{9} = \boxed{}$$

Working out

B Fill in the missing numbers to make equivalent fractions.

$$\frac{6}{7} = \frac{\boxed{}}{28}$$

$$\frac{3}{6} = \frac{\boxed{}}{18}$$

$$\frac{4}{8} = \frac{\boxed{}}{24}$$

$$\frac{1}{3} = \frac{\boxed{}}{15}$$

$$\frac{1}{7} = \frac{4}{\boxed{}}$$

$$\frac{2}{6} = \frac{\boxed{}}{30}$$

Working out

C Change mixed numbers into improper fractions, and back again.

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

$$\frac{30}{7} = \boxed{}$$

$$3 \frac{2}{4} = \boxed{}$$

$$\frac{13}{5} = \boxed{}$$

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

$$\frac{20}{8} = \boxed{}$$



Fractions

Part 3**Adam's tip**

Multiply the top and bottom by the same number.

*Believe in Allah and His Messenger and spend out of that in which He has made you successors.***Qur'an 57:7****A** Write $<$, $>$ or $=$.

$\frac{11}{12} \bigcirc \frac{1}{2}$

$\frac{7}{8} \bigcirc \frac{1}{2}$

$\frac{3}{8} \bigcirc \frac{1}{4}$

$\frac{2}{3} \bigcirc \frac{1}{2}$

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

$\frac{1}{6} \bigcirc \frac{2}{3}$

B Add and subtract. Find a common denominator first. Simplify your answers.

$\frac{3}{4} + \frac{5}{8} = \boxed{}$

$\frac{1}{5} - \frac{1}{10} = \boxed{}$

$\frac{7}{9} - \frac{1}{3} = \boxed{}$

$\frac{1}{3} + \frac{1}{3} = \boxed{}$

$\frac{5}{8} - \frac{1}{2} = \boxed{}$

Working out

C Fill in the missing numbers to make equivalent fractions.

$\frac{5}{6} = \frac{25}{\boxed{}}$

$\frac{1}{3} = \frac{\boxed{}}{6}$

$\frac{3}{7} = \frac{9}{\boxed{}}$

$\frac{4}{6} = \frac{12}{\boxed{}}$

$\frac{3}{8} = \frac{6}{\boxed{}}$

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

Working out

**Adam's tip**

Multiply the top and bottom by the same number.

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

Hadith, al-Adab al-Mufrad

A Change mixed numbers into improper fractions, and back again.

$2 \frac{6}{8} = \boxed{}$

$\frac{5}{2} = \boxed{}$

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

$\frac{27}{8} = \boxed{}$

$2 \frac{3}{4} = \boxed{}$

$\frac{13}{4} = \boxed{}$

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

$\frac{1}{10} \bigcirc \frac{1}{2}$

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

$\frac{1}{2} \bigcirc \frac{4}{5}$

$\frac{3}{8} \bigcirc \frac{3}{4}$

$\frac{5}{6} \bigcirc \frac{1}{3}$

$\frac{7}{8} \bigcirc \frac{3}{4}$

C Add and subtract. Find a common denominator first. Simplify your answers.

$\frac{3}{4} + \frac{2}{3} = \boxed{}$

$\frac{2}{3} + \frac{5}{6} = \boxed{}$

$\frac{3}{4} - \frac{5}{8} = \boxed{}$

$\frac{11}{12} - \frac{3}{4} = \boxed{}$

$\frac{1}{2} - \frac{3}{8} = \boxed{}$

Working out

**Adam's tip**

Multiply the top and bottom by the same number.

So as for the orphan, do not oppress him.

Qur'an 93:9

A Fill in the missing numbers to make equivalent fractions.

$$\frac{2}{5} = \frac{\boxed{}}{20}$$

$$\frac{4}{7} = \frac{12}{\boxed{}}$$

$$\frac{2}{3} = \frac{\boxed{}}{9}$$

$$\frac{2}{7} = \frac{\boxed{}}{35}$$

$$\frac{3}{5} = \frac{12}{\boxed{}}$$

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

Working out

B Change mixed numbers into improper fractions, and back again.

$$4 \frac{5}{8} = \boxed{}$$

$$\frac{7}{3} = \boxed{}$$

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

$$\frac{11}{8} = \boxed{}$$

$$4 \frac{3}{6} = \boxed{}$$

$$\frac{25}{6} = \boxed{}$$

C Write <, > or =.

$$\frac{7}{8} \bigcirc \frac{1}{2}$$

$$\frac{1}{10} \bigcirc \frac{1}{2}$$

$$\frac{7}{8} \bigcirc \frac{1}{4}$$

$$\frac{11}{12} \bigcirc \frac{1}{2}$$

$$\frac{1}{2} \bigcirc \frac{1}{2}$$

$$\frac{1}{3} \bigcirc \frac{2}{3}$$



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 $342,569 + 1,000 =$

2 $402,433 + 80,000 =$

3 $2 \times 7 =$

4 $\frac{1}{3}$ of 9 =

5 $467,191 + 600,000 =$

6 $1,223,993 - 900,000 =$

7 $22 \div 2 =$

8 $226,953 + 10 =$

9 $38,865 + 30,000 =$

10 $48 \div 6 =$

11 $\frac{1}{10}$ of 100 =

12 $200,102 + 6,000 =$

13 $715,926 - 400,000 =$

14 $35 \times 5 =$

15 $131,327 + 1,000 =$

16 $57,990 + 8,000 =$

17 $77 \times 8 =$

18 $\frac{1}{2}$ of 16 =

19 $402,983 + 30,000 =$

20 $517,284 - 80,000 =$



For grown-ups

Answers

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

A: 5, 500, 40, 600, 8,000, 70

B: 700,000, 30, 90,000, 200

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

p.4 Place value to 1,000,000 (part 2)

A: 47,428, 111,024, 185,120, 358,686, 638,399

B: 250,000 & 300,000, 25,000 & 125,000, 60,000 & 70,000, 130,000 & 170,000

C: a = 50,000, b = 500,000, c = 650,000

p.5 Place value to 1,000,000 (part 3)

A: 497,129, 884,730, 543,779, 602,804, 417,909, 793,671

B: 943,372, 606,956, 141,945, seven hundred and twenty-three thousand five hundred and fifty-nine

p.6 Place value to 1,000,000 (part 4)

A: 320,000, 19,000, 500,000, 1,000,000, 720,000, 100,000

B: 1532, DCCXV, 1817, MCDLXXXII, 731, MCLIV

C: 205,712, 236,273, 337,568, 685,682, 986,284

p.7 Place value to 1,000,000 (part 5)

A: 700, 40,000, 900, 100, 90,000, 90

B: 6, 80,000, 3, 2

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

p.8 Adding and taking away (part 1)

A: 238,205, 428,167, 173,389, 1,447,422, 1,336,438, 224,634

B: 297,201, 553,513, 386,989, 215,868, 584,749, 244,647

p.9 Adding and taking away (part 2)

A: 71,942, 40,447, 135,824

B: 2,000, 217,536, 547,595, 172,336, 7,000, 493,984

C: 50,000, 800,000, 950,000, 700,000, 750,000, 100,000

p.10 Adding and taking away (part 3)

A: $60,000 + 60,000 = 120,000$, $50,000 + 50,000 = 100,000$, $30,000 + 60,000 = 90,000$

B: 40,936, 43,967, 84,903

C: 84,293, 29,439, 38,096

p.11 Adding and taking away (part 4)

A: 82,051, 154, £7.42, 49,618

B: 1,386,634, 312,627, 523,794, 374,664, 373,258, 860,947

p.12 Adding and taking away (part 5)

A: 311,866, 310,100, 349,241, 669,322, 84,510, 361,182

B: 306,899, 296,968, 5,000, 267,139, 375,231, 20,000



For grown-ups

Answers (continued)

p.13 Multiples, factors and primes (part 1)

A: {1, 2, 3, 4, 6, 8, 12, 16, 24, 48}, {1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60}, {1, 2, 3, 6, 9, 18}

B: primes: 7, 43, 3; multiples of 6: 18, 24

C: 49, 9, 8, 81, 27, 4

p.14 Multiples, factors and primes (part 2)

A: 888, 94, 95, 60, 74, 28,000

B: 384, 95, 266, 144

p.15 Multiples, factors and primes (part 3)

A: {1, 2, 3, 6, 9, 18}, {1, 2, 3, 4, 6, 8, 12, 16, 24, 48}, {1, 2, 3, 4, 6, 12}

B: primes: 47, 7, 3; multiples of 4: 4

C: 49, 9, 16, 36, 4, 144

p.16 Multiples, factors and primes (part 4)

A: 43,000, 23,400, 75, 7,360, 5,300, 793

B: 135, 194, 430, 972

p.17 Multiples, factors and primes (part 5)

A: {1, 2, 3, 4, 6, 8, 12, 16, 24, 48}, {1, 2, 3, 4, 6, 12}, {1, 2, 4, 5, 8, 10, 20, 40}

B: primes: 43, 19; multiples of 3: 12, 9, 15, 36, 42

C: 100, 16, 36, 25

p.18 Fractions (part 1)

A: 20, 35, 5, 12, 10, 32

B: $15/4$, $4\frac{1}{2}$, $21/5$, $4\frac{1}{6}$, $9/2$, $2\frac{1}{3}$

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

p.19 Fractions (part 2)

A: $1\frac{1}{6}$, $3/10$, $5/6$, 1, $1\frac{4}{9}$

B: 24, 9, 12, 5, 28, 10

C: $11/5$, $4\frac{2}{7}$, $14/4$, $2\frac{3}{5}$, $5/4$, $2\frac{4}{8}$

p.20 Fractions (part 3)

A: $>$, $>$, $>$, $>$, $<$, $<$

B: $1\frac{3}{8}$, $1/10$, $4/9$, $2/3$, $1/8$

C: 30, 2, 21, 18, 16, 8

p.21 Fractions (part 4)

A: $22/8$, $2\frac{1}{2}$, $9/2$, $3\frac{3}{8}$, $11/4$, $3\frac{1}{4}$

B: $<$, $<$, $<$, $<$, $>$, $>$

C: $1\frac{5}{12}$, $1\frac{1}{2}$, $1/8$, $1/6$, $1/8$

p.22 Fractions (part 5)

A: 8, 21, 6, 10, 20, 3

B: $37/8$, $2\frac{1}{3}$, $7/4$, $1\frac{3}{8}$, $27/6$, $4\frac{1}{6}$

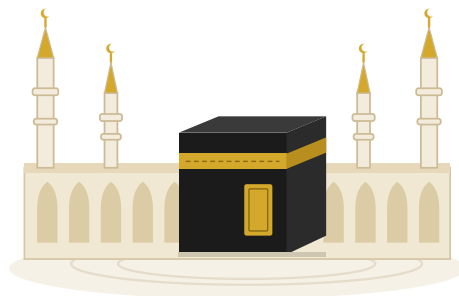
C: $>$, $<$, $>$, $>$, $=$, $<$

p.23 End-of-term challenge

1) 343,569, 2) 482,433, 3) 14, 4) 3, 5) 1,067,191, 6) 323,993, 7) 11, 8) 226,963, 9) 68,865, 10) 8, 11) 10, 12) 206,102, 13) 315,926, 14) 175, 15) 132,327, 16) 65,990, 17) 616, 18) 8, 19) 432,983, 20) 437,284



Mashallah!
Maths Superstar



This is to say that

has completed **Adam's Maths – Year 5, Term 1**.
Alhamdulillah for all your hard work! May Allah bless your
learning.

Signed

Date

**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

Fractions, decimals and percentages

Fraction	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{5}$	$\frac{1}{10}$	$\frac{1}{100}$
Decimal	0.5	0.25	0.75	0.2	0.1	0.01
Percentage	50%	25%	75%	20%	10%	1%

Units: 1 km = 1,000 m · 1 m = 100 cm · 1 kg = 1,000 g · 1 l = 1,000 ml · 5 miles ≈ 8 km ·
1 inch ≈ 2.5 cm

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