Arbury
Primary School

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Home Learning Ideas, June 2020
Year 6

Name: _____

In this pack are lots of different ideas for things you can work on at home. Have a go and see how you get on!

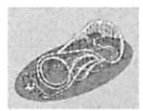
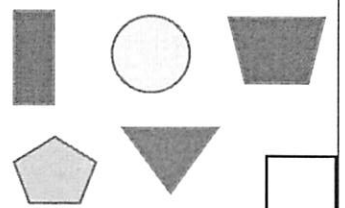
Remember that if you have internet access, there are lots of things on eSchools for you to do. If you log into your eSchools page, you can send messages, or look at the projects and groups. You can also play games on Education City, practise your times tables facts on TT Rockstars and take quizzes on Accelerated Reader.

Cambs Maths Team

Cambridgeshire County Council

Indoor Maths Challenges for KS2 children

How many challenges can you complete? Tick them off as you go.

Measure objects and rooms in your home using a tape measure or ruler. Can you calculate the perimeter of your bedroom? Investigate other rooms. What have you found out?  ☐	Make your own 'top trump' cards. Choose a theme you are interested in (e.g. – football players, dinosaurs, capital cities, characters in your favourite TV programme). Think of five categories and include scores for each category on each card. Play with a family member. ☐	Write directions from your bedroom to the front door using positional language (e.g. – walk forward 6 steps and turn 45° clockwise….). Ask a family member to try out your instructions. Do they work? Try other routes around your home. ☐	Make your own board game to play with your family. You could make the board with part of a cardboard box or cereal packet.  ☐	Make up a secret code with a key (e.g. – A = 1, B = 2 etc. or draw a symbol for each letter). Write a message for a family member or to send to a friend. Don't forget to give them a copy of the key! ☐
Use Lego/Duplo bricks, building blocks or empty boxes etc. Build the tallest tower possible. Measure your tower using a ruler/measuring tape. Can you build a tower as tall as you or even taller? Set yourself some other similar challenges. ☐	Use an unopened package of food which has a label telling you how much it weighs. Using your package to help you with your estimates, try to find as many items as you can which weigh more, less or the same. Arrange your items in three groups. ☐	Help an adult to do some baking. Measure the ingredients carefully and enjoy the results!   ☐	Design your own theme park or zoo. Draw a map showing a bird's eye view and include a symbol for each feature. Think about how big each enclosure or ride will be and mark the measurements on your map.  ☐	Use a piece of rope, string or ribbon. What 2D shapes can you make on the floor? Draw each shape you make and mark any lines of symmetry.  ☐

Cambs Maths Team

Cambridgeshire County Council

Indoor Maths Challenges for KS2 children

Design some 'minute challenges' and try them out. Can you beat your score? Here are some ideas to get you started. Set a timer to measure a minute and record your scores: How many star jumps can you do? How many words can you read? How many words can you write?  ☐	Keep a weather diary. Design a key and use symbols to record the weather each morning and afternoon. Find the temperature from the TV weather or the internet. What is the difference in temperature between the warmest and coldest day? What other mathematical questions could you ask and answer?  ☐	Go on a 2D shape hunt around your home. You could record your findings on a tally chart or draw or photograph each shape. Which is the most common shape? Can you find any irregular shapes?  ☐	Write a story book with a maths theme for a younger child. Include maths ideas you have learnt in the past and colourful illustrations to draw the reader in. If you have a younger brother or sister, share your book with them. ☐	Draw a plan of your home from above. If there is more than one floor, draw these separately. Use symbols to show where objects are and record these on a key. Include measurements if you can.  ☐
Go on a 3D shape hunt around your home. You could record your findings on a tally chart or draw or photograph each shape. Which is the most common shape? Are there any shapes you can't find?  ☐	Look around your kitchen. What maths can you see? Draw or photograph each item you spot. Now try other rooms. Which room contains the most maths? ☐	Make up your own game using playing cards, dominoes or dice. Teach a family member how to play.  ☐	Go on a number hunt around your home. Record each number you spot. What is the highest number you have found? What is the lowest? ☐	Using one piece of A4 paper, make the longest possible paper chain. When it is finished, lay it out and measure it with a tape measure or ruler. If you did it again, would you change your method? How?  ☐

Ultimate Times Table Challenge

Name: Number Correct:

Time Taken: Previous Score:

1x1=	11x12=	10x12=	3x5=	1x9=	7x1=
1x5=	1x2=	2x5=	4x1=	2x9=	4x5=
3x1=	3x3=	9x12=	3x7=	6x1=	3x11=
1x4=	4x3=	1x3=	11x7=	4x9=	3x9=
5x1=	8x9=	5x5=	8x12=	2x7=	5x11=
10x3=	6x3=	1x11=	2x11=	11x11=	1x7=
5x3=	9x7=	7x5=	7x7=	7x9=	10x5=
8x1=	10x1=	5x7=	6x5=	3x8=	8x11=
9x1=	9x3=	3x10=	9x9=	4x7=	8x7=
11x9=	6x8=	6x11=	10x7=	10x9=	10x11=
11x1=	11x3=	11x5=	2x3=	4x11=	8x5=
12x5=	12x12=	5x4=	12x7=	12x9=	12x11=
2x1=	8x3=	6x7=	1x12=	1x10=	7x3=
2x2=	9x11=	2x6=	2x8=	2x12=	7x6=
11x4=	3x4=	5x9=	12x2=	2x4=	1x6=
4x2=	4x4=	4x6=	6x9=	4x10=	9x5=
5x2=	10x2=	12x1=	5x8=	3x6=	7x11=
7x4=	6x4=	6x6=	12x3=	6x2=	8x4=
7x2=	9x2=	2x10=	5x10=	1x8=	5x6=
7x8=	6x10=	12x10=	12x4=	8x10=	8x2=
10x4=	9x4=	3x12=	9x8=	12x8=	8x6=
11x6=	9x6=	10x6=	3x2=	4x12=	9x10=
11x2=	6x12=	5x12=	11x8=	11x10=	8x8=
7x12=	10x10=	12x6=	7x10=	4x8=	10x8=

Ultimate Times Table Challenge

Name: Number Correct:

Time Taken: Previous Score:

1x1=	11x12=	10x12=	3x5=	1x9=	7x1=
1x5=	1x2=	2x5=	4x1=	2x9=	4x5=
3x1=	3x3=	9x12=	3x7=	6x1=	3x11=
1x4=	4x3=	1x3=	11x7=	4x9=	3x9=
5x1=	8x9=	5x5=	8x12=	2x7=	5x11=
10x3=	6x3=	1x11=	2x11=	11x11=	1x7=
5x3=	9x7=	7x5=	7x7=	7x9=	10x5=
8x1=	10x1=	5x7=	6x5=	3x8=	8x11=
9x1=	9x3=	3x10=	9x9=	4x7=	8x7=
11x9=	6x8=	6x11=	10x7=	10x9=	10x11=
11x1=	11x3=	11x5=	2x3=	4x11=	8x5=
12x5=	12x12=	5x4=	12x7=	12x9=	12x11=
2x1=	8x3=	6x7=	1x12=	1x10=	7x3=
2x2=	9x11=	2x6=	2x8=	2x12=	7x6=
11x4=	3x4=	5x9=	12x2=	2x4=	1x6=
4x2=	4x4=	4x6=	6x9=	4x10=	9x5=
5x2=	10x2=	12x1=	5x8=	3x6=	7x11=
7x4=	6x4=	6x6=	12x3=	6x2=	8x4=
7x2=	9x2=	2x10=	5x10=	1x8=	5x6=
7x8=	6x10=	12x10=	12x4=	8x10=	8x2=
10x4=	9x4=	3x12=	9x8=	12x8=	8x6=
11x6=	9x6=	10x6=	3x2=	4x12=	9x10=
11x2=	6x12=	5x12=	11x8=	11x10=	8x8=
7x12=	10x10=	12x6=	7x10=	4x8=	10x8=

Ultimate Times Table Challenge

Name: Number Correct:

Time Taken: Previous Score:

1x1=	11x12=	10x12=	3x5=	1x9=	7x1=
1x5=	1x2=	2x5=	4x1=	2x9=	4x5=
3x1=	3x3=	9x12=	3x7=	6x1=	3x11=
1x4=	4x3=	1x3=	11x7=	4x9=	3x9=
5x1=	8x9=	5x5=	8x12=	2x7=	5x11=
10x3=	6x3=	1x11=	2x11=	11x11=	1x7=
5x3=	9x7=	7x5=	7x7=	7x9=	10x5=
8x1=	10x1=	5x7=	6x5=	3x8=	8x11=
9x1=	9x3=	3x10=	9x9=	4x7=	8x7=
11x9=	6x8=	6x11=	10x7=	10x9=	10x11=
11x1=	11x3=	11x5=	2x3=	4x11=	8x5=
12x5=	12x12=	5x4=	12x7=	12x9=	12x11=
2x1=	8x3=	6x7=	1x12=	1x10=	7x3=
2x2=	9x11=	2x6=	2x8=	2x12=	7x6=
11x4=	3x4=	5x9=	12x2=	2x4=	1x6=
4x2=	4x4=	4x6=	6x9=	4x10=	9x5=
5x2=	10x2=	12x1=	5x8=	3x6=	7x11=
7x4=	6x4=	6x6=	12x3=	6x2=	8x4=
7x2=	9x2=	2x10=	5x10=	1x8=	5x6=
7x8=	6x10=	12x10=	12x4=	8x10=	8x2=
10x4=	9x4=	3x12=	9x8=	12x8=	8x6=
11x6=	9x6=	10x6=	3x2=	4x12=	9x10=
11x2=	6x12=	5x12=	11x8=	11x10=	8x8=
7x12=	10x10=	12x6=	7x10=	4x8=	10x8=

Ultimate Times Table Challenge

Answers

1x1=**1**	11x12=**132**	10x12=**120**	3x5=**15**	1x9=**9**	7x1=**7**
1x5=**5**	1x2=**2**	2x5=**10**	4x1=**4**	2x9=**18**	4x5=**20**
3x1=**3**	3x3=**9**	9x12=**108**	3x7=**21**	6x1=**6**	3x11=**33**
1x4=**4**	4x3=**12**	1x3=**3**	11x7=**77**	4x9=**36**	3x9=**27**
5x1=**5**	8x9=**72**	5x5=**25**	8x12=**96**	2x7=**14**	5x11=**55**
10x3=**30**	6x3=**18**	1x11=**11**	2x11=**22**	11x11=**121**	1x7=**7**
5x3=**15**	9x7=**63**	7x5=**35**	7x7=**49**	7x9=**63**	10x5=**50**
8x1=**8**	10x1=**10**	5x7=**35**	6x5=**30**	3x8=**24**	8x11=**88**
9x1=**9**	9x3=**27**	3x10=**30**	9x9=**81**	4x7=**28**	8x7=**56**
11x9=**99**	6x8=**48**	6x11=**66**	10x7=**70**	10x9=**90**	10x11=**110**
11x1=**11**	11x3=**33**	11x5=**55**	2x3=**6**	4x11=**44**	8x5=**40**
12x5=**60**	12x12=**144**	5x4=**20**	12x7=**84**	12x9=**108**	12x11=**132**
2x1=**2**	8x3=**24**	6x7=**42**	1x12=**12**	1x10=**10**	7x3=**21**
2x2=**4**	9x11=**99**	2x6=**12**	2x8=**16**	2x12=**24**	7x6=**42**
11x4=**44**	3x4=**12**	5x9=**45**	12x2=**24**	2x4=**8**	1x6=**6**
4x2=**8**	4x4=**16**	4x6=**24**	6x9=**54**	4x10=**40**	9x5=**45**
5x2=**10**	10x2=**20**	12x1=**12**	5x8=**40**	3x6=**18**	7x11=**77**
7x4=**28**	6x4=**24**	6x6=**36**	12x3=**36**	6x2=**12**	8x4=**32**
7x2=**14**	9x2=**18**	2x10=**20**	5x10=**50**	1x8=**8**	5x6=**30**
7x8=**56**	6x10=**60**	12x10=**120**	12x4=**48**	8x10=**80**	8x2=**16**
10x4=**40**	9x4=**36**	3x12=**36**	9x8=**72**	12x8=**96**	8x6=**48**
11x6=**66**	9x6=**54**	10x6=**60**	3x2=**6**	4x12=**48**	9x10=**90**
11x2=**22**	6x12=**72**	5x12=**60**	11x8=**88**	11x10=**110**	8x8=**64**
7x12=**84**	10x10=**100**	12x6=**72**	7x10=**70**	4x8=**32**	10x8=**80**

Year 6 Maths Activity Mat

①

Section 1

$\frac{3}{5} + \frac{3}{7}$ =

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

Section 2

53 x 8 =

53 x 80 =

Section 3

Jim, Harry, Jack and Des go on holiday together and share the cost of the car hire and the villa equally.

The car hire costs £145.46 and the villa is £1279.30.

How much does each person pay?

Section 4

Solve these calculations.

20 = 4h + 4

What does **h** equal?

h =

14 = 6j - 4

What does **j** equal?

j =

Section 5

Solve the following calculation:

6 726 000 – 800 000 =

Section 6

Laura buys:

3kg of potatoes at 78p per kg;

2.5kg of carrots at £1.46 per kg.

She paid with a £20 note. How much change will she get?

Section 7

Liz has a jar of sweets. In one month, she ate $\frac{5}{8}$ of the sweets.

There are 12 left.

How many sweets were in the jar at the beginning?

Section 8

Two friends buy some chocolate bars.

Each bar costs £1.18.

There is a special offer on: buy one, get 2nd half price.

They buy 5 bars and split the cost equally. How much do they each pay?

Year 6 Maths Activity Mat: 1

Answers

Section 1

$\frac{3}{5} + \frac{3}{7} = 1\frac{1}{35}$

$2\frac{5}{8} - 1\frac{2}{5} = 1\frac{9}{40}$

Section 2

53 x 8 = **424**

53 x 80 = **4240**

Section 3

Jim, Harry, Jack and Des go on holiday together and share the cost of the car hire and the villa equally.

The car hire costs £145.46 and the villa is £1279.30.

How much does each person pay?

£356.19

Section 4

Solve these calculations.

20 = 4h + 4

What does **h** equal?

h = **4**

14 = 6j - 4

What does **j** equal?

j = **3**

Section 5

Solve the following calculation:

6 726 000 – 800 000 = **5 926 000**

Section 6

Laura buys:

3kg of potatoes at 78p per kg;

2.5kg of carrots at £1.46 per kg.

She paid with a £20 note. How much change will she get?

£14.01 change

Section 7

Liz has a jar of sweets. In one month, she ate $\frac{5}{8}$ of the sweets.

There are 12 left.

How many sweets were in the jar at the beginning?

32 sweets

Section 8

Two friends buy some chocolate bars.

Each bar costs £1.18.

There is a special offer on: buy one, get 2nd half price.

They buy 5 bars and split the cost equally. How much do they each pay?

£2.36

Year 6 Maths Activity Mat

②

Section 1

Order the following numbers from the smallest to largest:

1 101 011 1 110 101 1 100 111 1 010 011

Section 2

Four classes share 3 boxes of 500 pencils. Ring the amount which is a good estimate of how many pencils each class will have.

42 420 380 38 450 45

Section 3

A box holds six eggs. There are 532 eggs. How many full boxes will there be?

Section 4

Simplify the following fractions:

$\frac{8}{12}$ =

$\frac{15}{25}$ =

Section 5

Calculate:

0.4 x 100 =

0.9 x 100 =

0.7 x 100 =

Section 6

Convert the following:

0.2kg = g

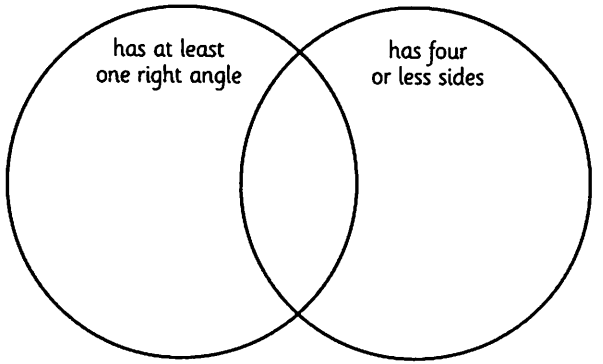
kg = 1490g

1.2kg = g

kg = 1350g

Section 7

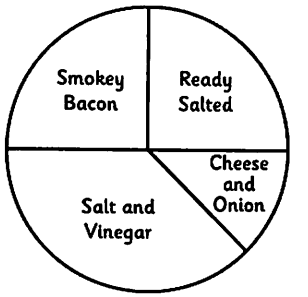
Draw two shapes that will go into each area of this Venn Diagram, including outside the circles.



Section 8

Class **A** researched children's favourite flavour of crisps. They presented the results in a pie chart.

Eight children chose Ready Salted as their favourite. How many children chose Cheese and Onion, Salt and Vinegar and Smokey Bacon?



Cheese and Onion:

Salt and Vinegar:

Smokey Bacon:

Year 6 Maths Activity Mat: 2

Answers

Section 1

Order the following numbers from the smallest to largest:

1 101 011 **1 110 101** **1 100 111** **1 010 011**

1 010 011	**1 100 111**	**1 101 011**	**1 110 101**

Section 2

Four classes share 3 boxes of 500 pencils. Ring the amount which is a good estimate of how many pencils each class will have.

42 420 **(380)** 38 450 45

Section 3

A box holds six eggs. There are 532 eggs. How many full boxes will there be?

88 boxes

Section 4

Simplify the following fractions:

$\frac{8}{12} = \frac{2}{3}$

$\frac{15}{25} = \frac{3}{5}$

Section 5

Calculate:

0.4 x 100 = **40**

0.9 x 100 = **90**

0.7 x 100 = **70**

Section 6

Convert the following:

0.2kg = **200g**

1.49kg = 1490g

1.2kg = **1200g**

1.35kg = 1350g

Section 7

Draw two shapes that will go into each area of this Venn Diagram, including outside the circles.

Example shapes that could appear in each section:

One right angle: Irregular pentagon and hexagon with at least one right angle

Four or less sides: Equilateral triangle, isosceles triangle (no right angle)

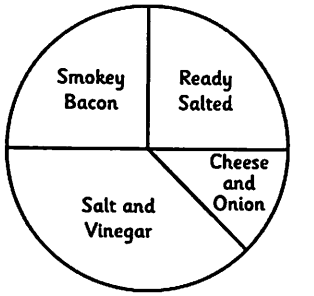
Both: Right angled triangle, square

Outside: Regular hexagon, regular octagon

Section 8

Class **A** researched children's favourite flavour of crisps. They presented the results in a pie chart.

Eight children chose Ready Salted as their favourite. How many children chose Cheese and Onion, Salt and Vinegar and Smokey Bacon?



Cheese and Onion: **4**

Salt and Vinegar: **12**

Smokey Bacon: **8**

Year 6 Maths Activity Mat

③

Section 1

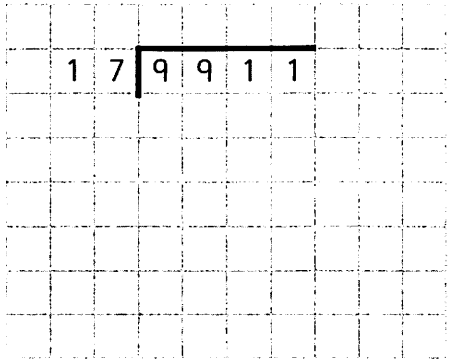
In the number 3 927 381, what is the value of the two 3 digits?

Section 2

A stationery store has 2543 pencils in stock. The shop orders a further 1 368 pencils, and then sells 928 pencils in a month. How many pencils does that shop have left?

Section 3

Calculate:



Section 4

Use <, =, or > to compare these fractions:

$\frac{7}{4}$		$\frac{3}{2}$
$\frac{7}{6}$		$\frac{4}{3}$
$\frac{13}{2}$		$\frac{39}{6}$

Section 5

Calculate:

0.02 x 7 =

0.06 x 5 =

0.08 x 6 =

Section 6

5 miles = 8 km

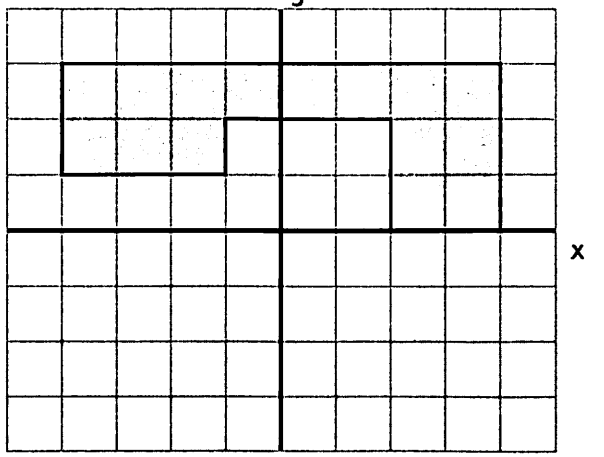
How many kilometres in 205 miles?

Section 7

Draw an isosceles triangle.

Section 8

Reflect this shape about the **x** axis.



Year 6 Maths Activity Mat: 3

Answers

Section 1

In the number 3 927 381, what is the value of the two 3 digits?

3 000 000, 300

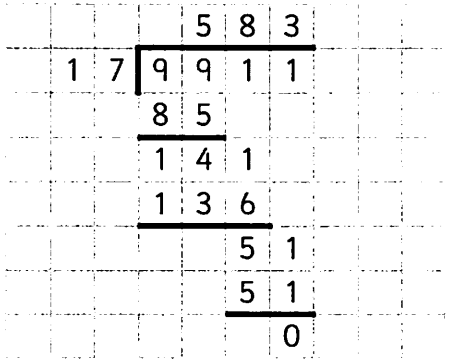
Section 2

A stationery store has 2543 pencils in stock. The shop orders a further 1 368 pencils, and then sells 928 pencils in a month. How many pencils does that shop have left?

2983 pencils

Section 3

Calculate:



Section 4

Use <, =, or > to compare these fractions:

$\frac{7}{4}$	>	$\frac{3}{2}$
$\frac{7}{6}$	<	$\frac{4}{3}$
$\frac{13}{2}$	=	$\frac{39}{6}$

Section 5

Calculate:

0.02 x 7 = **0.14**

0.06 x 5 = **0.3**

0.08 x 6 = **0.48**

Section 6

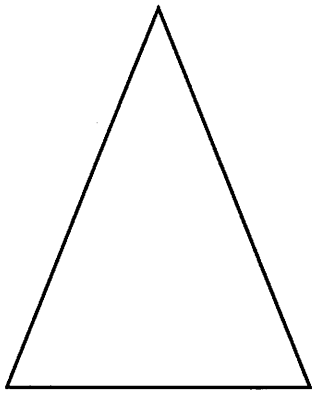
5 miles = 8 km

How many kilometres in 205 miles?

328km

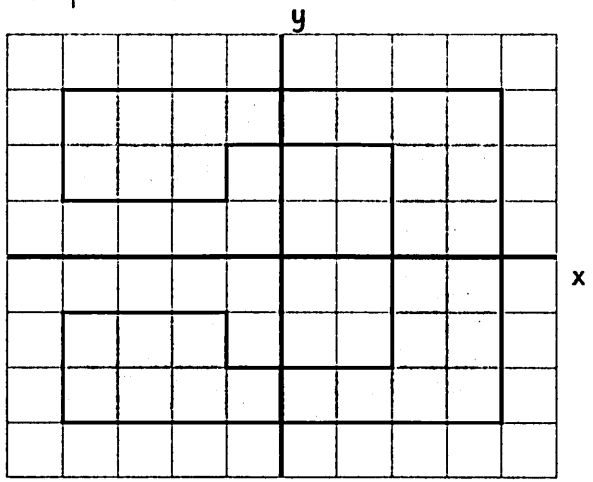
Section 7

Draw an isosceles triangle.



Section 8

Reflect this shape about the **x** axis.



Mathematics

Arithmetic: Paper 1

Name	
Date	

/40
total marks

1 $83 + 465 =$

2 $\frac{7}{9} - \frac{5}{9} =$

3 $2 \times 55 =$

Total for this page

4 $387 \times 0 =$

5 $88 \div 11 =$

6 $6 \times 10 \times 4 =$

Total for this page

7 9,023 - 811 =

8 5^2 + 20 =

9 45.72 + 23.5 =

Total for this page

10 ? - 10 = 197

11 240 ÷ 4 =

12 6,300 ÷ 7 =

Total for this page

13 $75 \div 15 =$

14 $? = 7{,}814 - 352$

15 $4{,}003{,}600 = 4{,}000{,}000 + ? + 600$

Total for this page

16 $10 - 6.3 =$

17 $\frac{5}{9} + \frac{7}{18} =$

18 $0.4 \div 100 =$

Total for this page

19 $\frac{4}{5}$ of 1,000 =

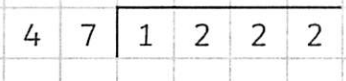
20 381 × 27 =

$$\begin{array}{r} 3\ 8\ 1 \\ \times\ 2\ 7 \\ \hline \end{array}$$

21 25% of 1,100 =

Total for this page

22 1,222 ÷ 47 =



23 0.5 × 36 =

24 $\frac{1}{3} + \frac{1}{5} =$

Total for this page

25 $1\frac{2}{3} + \frac{2}{3} =$

26 $8 - 7.209 =$

27 $7.2 \times 50 =$

Total for this page

28 $1\frac{3}{8} - \frac{1}{2} =$

29 7,328 × 76 =

$$\begin{array}{r} 7\ 3\ 2\ 8 \\ \times\ 7\ 6 \\ \hline \end{array}$$

30 90% of 300 =

Total for this page

31 $\frac{1}{3} \div 2 =$

32 $27 \div 3 + 4^2 =$

33 $1\frac{1}{2} \times 30 =$

Total for this page

34 23% of 510 =

35 $5\frac{1}{6} - 3\frac{3}{4}$ =

36 6,536 ÷ 86 =

$$86 \overline{)6536}$$

Total for this page

Practice Paper 1 **Mark Scheme**

	Question	Answer	Mark	Additional Guidance
1	83 + 465	**548**	1m	
2	$\frac{7}{9} - \frac{5}{9}$	$\frac{2}{9}$	1m	Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.
3	2 × 55	**110**	1m	
4	387 × 0	**0**	1m	
5	88 ÷ 11	**8**	1m	
6	6 × 10 × 4	**240**	1m	
7	9,023 - 811	**8,212**	1m	
8	$5^2 + 20$	**45**	1m	
9	45.72 + 23.5	**69.22**	1m	
10	? - 10 = 197	**207**	1m	
11	240 ÷ 4	**60**	1m	
12	6,300 ÷ 7	**900**	1m	
13	75 ÷ 15	**5**	1m	
14	? = 7,814 - 352	**7,462**	1m	
15	4,003,600 = 4,000,000 + ? + 600	**3,000**	1m	
16	10 - 6.3	**3.7**	1m	
17	$\frac{5}{9} + \frac{7}{18}$	$\frac{17}{18}$	1m	Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.
18	0.4 ÷ 100	**0.004**	1m	Accept equivalent fractions.
19	$\frac{4}{5}$ of 1,000	**800**	1m	
20	381 × 27	**10,287**	2m	Working must be carried through to reach a final answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.
21	25% of 1,100	**275**	1m	Do not accept answers with the percentage symbol.

Practice Paper 1 **Mark Scheme**

	Question	Answer	Mark	Additional Guidance
22	1,222 ÷ 47	**26**	2m	Working must be carried through to reach a final answer for the award of ONE mark. Short division methods must be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm and be a complete method. The carrying figure must be less than the divisor.
23	0.5 × 36	**18**	1m	
24	$\frac{1}{3} + \frac{1}{5}$	$\frac{8}{15}$	1m	Accept equivalent fractions or the exact decimal equivalent.
25	$1\frac{2}{3} + \frac{2}{3}$	$2\frac{1}{3}$	1m	Accept equivalent mixed numbers, fractions or the exact decimal equivalent.
26	8 - 7.209	**0.791**	1m	
27	7.2 × 50	**360**	1m	
28	$1\frac{3}{8} - \frac{1}{2}$	$\frac{7}{8}$	1m	Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.
29	7,328 × 76	**556,928**	2m	Working must be carried through to reach a final answer for the award of ONE mark. Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens.
30	90% of 300	**270**	1m	Do not accept answers with the percentage symbol.
31	$\frac{1}{3} \div 2$	$\frac{1}{6}$	1m	Accept equivalent fractions or the exact decimal equivalent.
32	$27 \div 3 + 4^2$	**25**	1m	
33	$1\frac{1}{2} \times 30$	**45**	1m	Do not accept unsimplified equivalent fractions.
34	23% of 510	**117.3**	1m	Do not accept answers with the percentage symbol.
35	$5\frac{1}{6} - 3\frac{3}{4}$	$1\frac{5}{12}$	1m	Accept equivalent mixed numbers, fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals.
36	6,536 ÷ 86	**76**	2m	Working must be carried through to reach a final answer for the award of ONE mark. Short division methods must be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm and be a complete method. The carrying figure must be less than the divisor.

Mathematics

Arithmetic: Paper 2

Name	
Date	

/40
total marks

1 $28 + 584 =$

2 $\frac{8}{13} - \frac{5}{13} =$

3 $2 \times 65 =$

Total for this page

4 $451 \times 1 =$

5 $77 \div 11 =$

6 $10 \times 4 \times 3 =$

Total for this page

7 6,034 - 402 =

8 7^2 - 10 =

9 27.04 + 34.5 =

Total for this page

10 ? - 10 = 791

11 210 ÷ 7 =

12 7,200 ÷ 8 =

Total for this page

13 125 ÷ 25 =

14 ? = 6,376 - 416

15 1,040,900 = 1,000,000 + 40,000 + ?

Total for this page

16 $10 - 0.4 =$

17 $\frac{3}{11} + \frac{7}{33} =$

18 $4 \div 100 =$

Total for this page

19 $\frac{2}{3}$ of 900 =

20 419 × 24 =

$$\begin{array}{r} 4\ 1\ 9 \\ \times\ 2\ 4 \\ \hline \end{array}$$

21 30% of 1,500 =

Total for this page

22 1,092 ÷ 39 =

$$39 \overline{)1092}$$

23 0.05 × 18 =

24 $\frac{1}{2} + \frac{2}{15} =$

Total for this page

25 $1\frac{1}{2} + \frac{3}{4} =$

26 $5 - 4.228 =$

27 $8.1 \times 40 =$

Total for this page

28 $1\frac{2}{5} - \frac{3}{10} =$

29 6,197 × 49 =

$$\begin{array}{r} 6\ 1\ 9\ 7 \\ \times\ 4\ 9 \\ \hline \end{array}$$

30 95% of 360 =

Total for this page

31 $\frac{1}{2} \div 3 =$

32 $7^2 - 24 \div 4 =$

33 $1\frac{1}{4} \times 20 =$

Total for this page