









1. 2 more than	1. 12 take away 3	1. Is this a right angle? yes	How many right angles are there in a rectangle? 4	 Is this an isosceles, equilateral or scalene 	1. Claire bought five footballs at £1.99 each.
6 is 8	9 2. 3 tens = 30		2. A television programme	triangle?	How much did she spend? Calculate her
2. 7 : 00 is 7 o'clock 2 o'clock is 2 : 00	3. 10 more than 30	2. What is the total? 4ml + 13ml + 5ml + 2ml	starts at 3:15pm and finishes at 3:35pm. How	scalene	change from £20. Spent £9.95, £10.05 change
2 o clock is	is 40	24ml 3. Jamie bought 2	long does the programme last? 20 minutes	2. Reduce thirty-nine thousand by three thousand. 36,000	 Perdita cut four 12.5cm lengths from a roll of 70cm ribbon.
3. 0 + <mark>5</mark> = 5	4. A triangle has 3	chocolate bars. They were 35p each. How	3. 56 ÷ 8 = 7	3. What fraction of a day	How much was left?
4. Who has more? Meg Fred	sides.	much did they cost altogether? 70p	4. 3 x 9 = 27	is 2 hours? 1 12	3. Round 7 $\frac{2}{8}$ to the
* * * * * *	5. $9 - 2 = 0$ tens	4. What will the date	5. What is the product of 3 and 7? 21	4. Jenny leaves the supermarket at 16:35.	nearest whole number. 7
1 2 3 <mark>4</mark> 5 6 7	and 7 ones.	be 1 week after the 5 th	6. 240 ÷ 10 = <mark>24</mark>	She was there for 50 minutes. What time did	4. $\frac{2}{5}$ of £350 = £140 5. Write the next three
5. ++++++	6. 20 – 6 = 14	of August? 12 th August	7. Maisie was born in	she arrive? 15:45	numbers in the sequence.
6. 7 – <mark>2 =</mark> 5	7. 3 + 3 + <mark>3</mark> = 9	5. 70 ÷ 10 = 7	1992. How old was she in 2012? 20	5. 346cm = 3.46m	$1\frac{4}{5}$, $2\frac{1}{5}$, $2\frac{3}{5}$, 3 , $3\frac{2}{5}$, $3\frac{4}{5}$
7. 5 + <mark>10</mark> = 15	8. Which is the greatest?	6. What is half of 600?	8. Round this fraction to	6. Jamie bought a large chocolate bar for £2.99.	6. Parrie is facing west. She turns anti-clockwise
8. 4 + 1 + 3 = <mark>8</mark>	78, 32, 67, 87	7. Freya ate $\frac{3}{4}$ of a bag of crisps. What fraction was left? $\frac{1}{4}$	the nearest whole number. $14 \frac{3}{10} \qquad 14$	He paid with a £5 note. How much change did he receive? £2.01	45°. What direction is she facing now? south-west
9. Count on in 2s	9. 70 = 30 + 10 + 30	8. Write a number	9. How many millilitres are there in half a litre?	7. Imagine a 100 number square. What number is	7. What is the sum of the even numbers
4, 6, 8, 1 <mark>0, 12</mark>	10. A cereal box is a	between 30 and 50 that is nearer to 30.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 squares to the right of 54? 56	between 13 and 17? 30
10. Ten more than 85 is <mark>95</mark>	(sphere, cube, <mark>cuboid</mark>)	31, 32, 33, 34, 35, 36, 37, 38, 39	11. 3 + 4 = 21 ÷ 3	8. $\frac{3}{4}$ kg = 750 g	8. 0.4 of 20 = 8
	11. 7 < 9 greater than >	9. 35 ÷ 5 = 7	12. Which two numbers	9. What is the total of the	9. I think of a number. I multiply it by 6, divide
11. 23 + 4 = <mark>27</mark>	less than <	10. What is 30 more than 60? 90	make 300? 146 122 154 188	even numbers? 76 + 42 = 118	it by 10 and then add 1.4. My answer is 5. What number did I think
12. Take 100 from 600. <mark>500</mark>	12. 7 + 7 = 14	11. What shape is this?	13. How many tenths are in 4.5? 5	10. 350 + <mark>650</mark> = 1000	of? 6
		hexagon 12. What is the next	14. 40 – 4.0 = 36	11. (345 – 236) – 9 = <mark>100</mark>	10. Which number is 567 less than 2345?
© Classroom Secrets Limited 2014 classroomsecrets.com ANSWERS		even number after 26?	15. 5 x 12 = 60	12. 50 ÷ 2 = 10 + 15	1778 11. 56 ÷ 7 = half of 16
Mixed Mental Maths EMW — Pack 1 — Worksheet 3		28			

 2 less than is How many triangles? 	 1. 19 - 6 = 2. Count on in 10s. 20, 30, 40,	 Describe the faces of a cylinder. In class 3T there are 12 girls and 17 boys. How many children are in 3T? 	 Write 1/10 as a decimal. Which is less 25 tens or 2 hundreds? Order these numbers, starting with the largest. 847 329 645 478 	 The product of two numbers is 84. One number is 7. What is the other? Is a rectangle a quadrilateral? How many sides has a 	 A jacket costs £45.50. In the winter sale, every item has 20% off. How much did the jacket cost in the sale? 8432 ÷ 6 = What is half of one
3. Who has 2 less than Max? Max Jon Gul	How many are left? 4. Draw the next	3. How many days are there in January?	4. How many days are there altogether in June and July?	heptagon? 4. Is 56 a multiple of 8?	million? 4. Which 2D shape has
** * *	shape.	4. How many legs do4 camels have?5. What is double 30?	5. Is 20 x 5 < 15 x 3? 6. If I eat $\frac{5}{8}$ of a cake,	5. Take 7 tenths from 1.76	internal angles that add up to 180°? 5. Summer was carrying
4. Draw 6 circles. Draw a ring	5. 50 – 10 =		what fraction is left over?	6. Damien has a 11 bottle of water. He pours out	a 51 watering can. She used 2450ml to water
around $\frac{1}{2}$	6. 5 minutes past 11	6. 100 + 60 + 3 = 7. 456 - 100 =	7. Add the odd numbers. 43 56 89 21 45 32	450ml. How much is left in the bottle?	the tomatoes. Write the amount left in the can in litres.
5. 13 + 2 =	o'clock is :	8. What is the smallest number you	8. Subtract fourteen from four sixteens.	 A pair of jeans cost £20. They are reduced by 10% in the sale. What is 	6. Courtney got 18 out of 20 in her spelling test.
6. 10 – 3 =	7. Choose 3 numbers that add up to 3.	can make from these	9. $3 - \frac{2}{10} =$	the sale price?	What percentage did she get?
7. Count in 2s 16, 18, 20,,	3 0 1 2 4	digits? 6, 4, 2	10. How many sevens are in forty-nine?	8. What number is three quarters of 36?	7. Imagine a number square. What number is
8. 3 people have	8. 9 +	9. Ten pencils fill in a pencil case. How many pencil cases will 60	11. Find the average of 15 and 19.	9. Make 270 using four of these numbers. 63 94 41 59 72	three squares below 49? 8. How many days are
legs. 9. 20 21 22	10. Hassan had 10 pebbles. He lost $\frac{1}{2}$ of	pencils fill? 10. 60 + 60 + 60 =	12. How many quarter turns are there in a full circle?	10. Find the difference between 3400 and 980.	there in 2 years? 9. Round 45.768 to 2
10. 3 + 3 + 3 =	them. How many did he have left?	11. 8 x 3 =	13. What is 10 more than 6.7?	11. Which 3 coins would make 72p?	decimal places. 10. What is the largest
11. 9 – 5 =	11 5 = 15	12. There are 20p's in £1.00	14. 78 + 34 =	12. Marissa has £6.61. She wants to buy a board	remainder you can have when you divide by 12?
CLASSROOM COLOR CLASSROOM SECRETS Limited 2014 classroom Secrets .com Mixed Mental Maths EMW — Pack 1 — Worksheet 4		13. 19 – 5 – 4 =	15. Double 152.	game at £9.98. How much more money does she need?	11. How many angles has a heptagon?

1. 2 less than 7 is <mark>5</mark>	 1. 19 - 6 = 13 2. Count on in 10s. 	1. Describe the faces of a cylinder. 2 flat faces and 1 curved face 2. In class 3T there are	 Write 1/10 as a decimal. 10 Which is less 25 tens or 2 hundreds? 2 hundreds 	 The product of two numbers is 84. One number is 7. What is the other? 12 	1. A jacket costs £45.50. In the winter sale, every item has 20% off. How much did the
2. How many triangles? 6	20, 30, 40, 50, 60 3. Jamie has 11 sweets and he eats 4.	12 girls and 17 boys. How many children are in 3T? 29	3. Order these numbers, starting with the largest. 847 654 645 478 329	2. Is a rectangle a quadrilateral? yes	jacket cost in the sale? £36.40 2. 8432 ÷ 6 = 1405 r2
3. Who has 2 less than Max?	How many are left? 7	3. How many days are there in January? 31	4. How many days are there altogether in June	3. How many sides has a heptagon? 7	3. What is half of one million? 500,000
Max Jon Gul	4. Draw the next shape.	4. How many legs do 4 camels have? 16	and July? 61 5. Is 20 x 5 < 15 x 3? no	4. Is 56 a multiple of 8? yes 5. Take 7 tenths from 1.76 1.06	4. Which 2D shape has internal angles that add up to 180°? triangle
4. Draw 6 circles. Draw a ring	5. 50 – 10 = 40	5. What is double 30? 60	6. If I eat $\frac{5}{8}$ of a cake, $\frac{3}{8}$ what fraction is left over?	6. Damien has a 1l bottle of water. He pours out	5. Summer was carrying a 5l watering can. She used 2450ml to water
around $\frac{1}{2}$	6. 5 minutes past 11	6. 100 + 60 + 3 = 163 7. 456 - 100 = 356	7. Add the odd numbers. 43 56 89 21 45 32	450ml. How much is left in the bottle? 550ml	the tomatoes. Write the amount left in the can in litres. 2.55l
5. 13 + 2 = 15	o'clock is 11:05	8. What is the	43 + 21 + 89 + 45 = 198 8. Subtract fourteen from four sixteens. 50	7. A pair of jeans cost £20. They are reduced by 10% in the sale. What is	6. Courtney got 18 out of 20 in her spelling test.
6. 10 – 3 = 7	7. Choose 3 numbers that add up to 3.	smallest number you can make from these digits?	9. $3 - \frac{2}{10} = 2\frac{8}{10}$	the sale price? £18	What percentage did she get? 90%
7. Count in 2s 16, 18, 20, <mark>22, 24</mark>	3 0 1 2 4 8. 9 + 11 = 20	6, 4, 2 246	10. How many sevens are in forty-nine? 7	8. What number is three quarters of 36? 27	7. Imagine a number square. What number is
8. 3 people have 6 legs.	9. 70 = 30 + 10 + 30	9. Ten pencils fill in a pencil case. How many pencil cases will 60	11. Find the average of 15 and 19. 17	9. Make 270 using four of these numbers. 63 94 41 59 72	three squares below 49? 79 8. How many days are
9. ²⁰ ²¹ ²² ²⁵ ²⁸	10. Hassan had 10 pebbles. He lost $\frac{1}{2}$ of	pencils fill? 6 10. 60 + 60 + 60 = 180	12. How many quarter turns are there in a full circle? 4	10. Find the difference between 3400 and 980. 2420	there in 2 years? 730 9. Round 45.768 to 2 decimal places. 45.77
10. 3 + 3 + 3 = 9	them. How many did he have left? 5	11. 8 x 3 = 24	13. What is 10 more than 6.7? 16.7	11. Which 3 coins would make 72p? 50p 20p 2p	10. What is the largest
11. 9 – 5 = 4	11. 20 – 5 = 15	12. There are 5 20p's in £1.00	14. 78 + 34 = 112	12. Marissa has £6.61. She wants to buy a board	remainder you can have when you divide by 12? 11
© Classroom Secrets Limited 2014 classroomsecrets.com ANSWERS Mixed Mental Maths EMW — Pack 1 — Worksheet 4		13. 19 – 5 – 4 = 10	15. Double 152. 304	game at £9.98. How much more money does she need? £3.37	11. How many angles has a heptagon? 7

1. Which line is the shortest?a ——b ——	 Which is the least? 32, 45, 28, 62 3 + 3 = 	 Divide 8 by 2. Which of these is a right angle? 	1. Order these numbers, starting with the smallest. 114 247 609 543 108 2. A box holds 6 eggs.	 Put these numbers in order, smallest first. 8.97 8.907 89.06 9.8 Write this number in 	 30 + 435 + 390 = 25% of 8 minutes = What is four squared
c —— 2. 9 – 4 =	3. 5 + 5 + 5 + 5 =	a) b) c) 3. What number is	Basil has 32 eggs. How many boxes will he need? 3. 79 + 16 =	words. 3408 3. David shares his sweets between 4 people.	added to five cubed? 4. How many seconds are there in 5.25
3. tens ones	3. If Sam has 13 sweets and he eats 2, how many are left?	halfway between 18 and 22?	4. What is the smallest number you can make	Each person has 6 sweets and there are 4 left over. How many did he start	minutes? 5. 13 children on a
4. Draw 4 circles.	4. $\frac{1}{2}$ of 12 =	4. Add 100 to 437. 5. Which two numbers	from 1, 5, 3 and 9? 5. 108 + 47 =	with? 4. What is 99 less than 745?	school trip took an apple. 90% did not. How many children went on the school trip?
Draw a ring around $\frac{1}{2}$	5. Noah had 13 stickers. He used 5. How many were left?	add up to 30? 16 24 14 23 6. The difference	6. Carla spent 42p on sweets. She paid with a £1 coin. How much	5. Name the type of triangle: The sides are the same length and the	6. 90 ÷ 3 = 7. 70 x 30 =
5. 2 + 1 + 2 = 6. 10 - = 6	6. 2 x 5 =	between 2 numbers is 5. The smaller number is 7. What is the	change did she receive? 7. What is one quarter of 12?	angles are the same. 6. Which letter is	7. 70 x 30 = 8. How many days are there in 2 years?
7. Ten less than 73	7. 13 11 greater than > less than <	larger number? 7. Write the even	8. Umar sold 45 books at the charity book sale. Fatima sold 68. How	symmetrical? L G M P Z 7. $1 = \frac{200}{3}$	9. What number comes before –12?
8. 32 + 1 =	8. 5 more than 8	numbers. 54 63 17 15 38	many more did Fatima sell than Umar?	8. Write $\frac{3}{4}$ as a percentage.	10. Round 31,349 to the nearest 1000.
9. 3 more than 6	9. 5 people have	8. A programme was $\frac{1}{2}$ hour long. How many minutes was this?	9. Jo saved 13 buttons a week for five weeks. How many buttons did she save?	9. Kirsty spent £1.85 at the cafe. Which 2 items did she buy?	11. What is the 13 th even number? 12. A theatre has 24
10. Is this correct? 8 > 2	legs 10. 54 - 2 =	9. What do I add to 13 to make 27?	10. 79 ÷ 1 = 11. How many days are	Tea 95p Coffee £1.10 Biscuits 75p	rows of 31 seats. How many seats does the theatre have altogether?
11. 0 + 7 =	11. 10 x 4 =	10. 10 + 30 + 40 =	there in six weeks?	10. Write ³⁰ as a mixed number.	13. Which shape am I? I have 8 vertices and all my faces are the same
Classroom Secrets Limited 2014 classroomsecrets.com Mixed Mental Maths EMW — Pack 1 — Worksheet 5		11. £1.00 + 35p = 12. 8 x 5 =	13. $1 = \frac{12}{?}$	11. 100 – 64 =	shape and size. 14. 5 ³ – 5 ² =

 Which line is the shortest? a b c 9 - 4 = 5 12 	 Which is the least? 32, 45, 28, 62 3 + 3 = 6 5 + 5 + 5 + 5 = 20 If Sam has 13 sweets and he eats 2, how many are left? 11 	 Divide 8 by 2. 4 Which of these is a right angle? a) b) c) What number is halfway between 18 and 22? 20 Add 100 to 437. 	 Order these numbers, starting with the smallest. 108 114 247 543 609 A box holds 6 eggs. Basil has 32 eggs. How many boxes will he need? 79 + 16 = 95 What is the smallest number you can make from 1, 5, 3 and 9? 1359 	1. Put these numbers in order, smallest first. 8.907 8.97 9.8 89.06 2. Write this number in words. 3408 three thousand, four hundred and eight 3. David shares his sweets between 4 people. Each person has 6 sweets and there are 4 left over. How many did he start with? 28	1. 30 + 435 + 390 = 855 2. 25% of 8 minutes = 2 minutes 3. What is four squared added to five cubed? 141 4. How many seconds are there in 5.25 minutes? 315 5. 13 children on a school trip took an
4. Draw 4 circles. Draw a ring around $\frac{1}{2}$ 5. $2 + 1 + 2 = 5$ 6. $10 - 4 = 6$ 7. Ten less than 73 is 63	4. $\frac{1}{2}$ of 12 = 6 5. Noah had 13 stickers. He used 5. How many were left? 8 6. 2 x 5 = 10 7. 13 > 11 greater than > less than <	537 5. Which two numbers add up to 30? 16 24 14 23 6. The difference between 2 numbers is 5. The smaller number is 7. What is the larger number? 12 7. Write the even numbers. 54 63 17 15 38	 5. 108 + 47 = 155 6. Carla spent 42p on sweets. She paid with a £1 coin. How much change did she receive? 58p 7. What is one quarter of 12? 3 8. Umar sold 45 books at the charity book sale. Fatima sold 68. How many more did Fatima sell than Umar? 23 	 4. What is 99 less than 745? 646 5. Name the type of triangle: Sides are the same length and the angles are the same. equilateral 6. Which letter is symmetrical? L G M P Z 7. 1 = 200/200 8. Write 3/4 as a 	apple. 90% did not. How many children went on the school trip? 130 6. 90 ÷ 3 = 30 7. 70 x 30 = 2100 8. How many days are there in 2 years? 730 9. What number comes before -12? -13 10. Round 31,349 to the nearest 1000. 31,000
	 8. 5 more than 8 is 13 9. 5 people have 10 legs 10. 54 - 2 = 52 11. 10 x 4 = 40 msecrets.com ANSWERS W - Pack 1 - Worksheet 5	8. A programme was $\frac{1}{2}$ hour long. How many minutes was this? 30 minutes 9. What do I add to 13 to make 27? 14 10. 10 + 30 + 40 = 80 11. £1.00 + 35p = £1.35 12. 8 x 5 = 40	 9. Jo saved 13 buttons a week for five weeks. How many buttons did she save? 65 10. 79 ÷ 1 = 79 11. How many days are there in six weeks? 42 12. 10 x 100 = 1000 13. 1 = 12/12 	percentage. 75% 9. Kirsty spent £1.85 at the cafe. Which 2 items did she buy? Tea 95p Coffee £1.10 Biscuits 75p 10. Write $\frac{30}{9}$ as a mixed number. $3\frac{3}{9}$	11. What is the 13 th even number? 26 12. A theatre has 24 rows of 31 seats. How many seats does the theatre have altogether? 744 13. Which shape am I? I have 8 vertices and all my faces are the same shape and size. cube 14. 5³ – 5² = 100