## 1. Write the

 number that comes after 3.
## 2. How many

 circles?1. $7+\square=19$
2. Write the missing numbers.
$10,15, \square, 25, \square$ 3. $2+2=$
3. $2+\square=7$
4. Draw a triangle.
5. Which line is the longest?
a

c
6. $8+2=$
7. $9+\square=10$
8. Is this correct? १ < 5
9. Write the missing numbers.

1, 2, $\qquad$ 4, $\square$

1. How many squares can you count?

2. $7+7+\square=21$
3. $642=600+\square+2$
4. $(4 \times 5)+4=$
5. What is the next number?
24, 27, 30, 33,
6. $4 \times \square=24$
7. Write < or >

8. What is the biggest number you can make from these digits?

$$
2,8,4
$$

9. I think of a number, I add 8 to that number. My answer is 17.
What number did I think of?
10. How many minutes are there in one hour?
11. $24 \div 4=$
12. How many faces does a cube have?
13. $39 \times 10=$

14. Which is the odd number?
$\begin{array}{llll}675 & 642 & 348 & 374\end{array}$
15. $15+13+26=$
16. $\frac{1}{2}$ of $68=$
17. What is the value of 8 in 8543 ?
18. Round 458 to the nearest 100.
19. What are the next two numbers?
18, 22, 26, 30,

20. What is the largest number you can make from $9,2,5$ and 8 ?
21. How many minutes are there in two hours?
22. I think of a number, I subtract 17 from that number. My answer is 72. What number did I think of?
23. Write $\frac{1}{2}$ as a decimal.
24. Work out the perimeter.

25. Write 18 minutes to 3 in the afternoon in the 24 hour clock.
26. What is the difference between 29 and 68?
27. Find the mean of 13 ,

19 and 22.
4. What is the product of 9 and 4?
5. Multiply 65 by 100.
6. What is $6^{2}$ ?
7. What is the total of 3.9 and 4.3?
8. Write $\frac{27}{100}$ as a decimal.
9. I think of a number, I multiply it by 9 and then subtract 7. My answer is 47. What number did I think of?
10. What number is halfway between 12 and 13?
11. Round 2.4 to the nearest whole number.
12. How many vertices are there on a cube?
13. What size is angle $x$ ?


1. $\mathrm{q}^{2}=$
2. Put these in order, starting with the smallest.
$78 \% \quad 0.8 \quad \frac{69}{100}$
3. What is the size of angle t?

4. $10 \%$ of $86=$
5. The temperature is $-8^{\circ} \mathrm{C}$. It rises $5^{\circ} \mathrm{C}$. What is the new temperature?
6. $4^{2}+6^{2}=$
7. $8.52 \times 1000=$
8. $3 \times \square \times 6=90$
9. $(5 \times 4)+(7 \times 6)=$
10. What are the next two numbers?
$13,7,1,-5, \square$
11. Put these numbers in order, largest first.
9.4, 9.07, 9.256
12. Write $\frac{3}{10}$ as a decimal.
13. $0.9 \times 4=$
14. $12+0.3+5.8=$
15. $7.3-3.4=$

## 1. Write the

 number that comes after 3. 42. How many circles? 6
3. $2+2=4$
4. $2+5=7$
5. Draw a triangle.
6. Which line is the longest?
a
b
c
7. $8+2=10$
8. $9+1=10$
9. Is this correct?

१ < 5 no
10. Write the missing numbers.
$1,2,3,4,5$

1. $7+12=19$
2. Write the missing numbers.
$10,15,20,25,30$
3. How much is shaded?
$\square$ $\frac{1}{4}$
4. $18-6=12$
5. 2 chairs have 8 legs.
6. $16-1=15$
7. $\frac{1}{2}$ of $6=3$
8. $4+4+4=12$
9. 10 less than 60
$=50$
10. Ted had 7
chocolates and ate
11. How many were left? 4
$16+2=18$
12. $12+8=20$
13. How many 1. How many faces does squares can you count? 5

14. $7+7+7=21$
15. $642=600+40+2$
16. $(4 \times 5)+4=24$
17. What is the next number?
24, 27, 30, 33, 36
18. $4 \times 6=24$
19. Write < or >

$$
43<89
$$

8. What is the biggest number you can make from these digits?

$$
2,8,4 \quad 842
$$

9. I think of a number, I add 8 to that number. My answer is 17.
What number did I think of? 9
10. How many minutes are there in one hour? 60
11. $24 \div 4=6$
12. Write 18 minutes to 3 in the afternoon in the 24 hour clock. 14:42
13. What is the difference between 29 and 68? 39
14. Find the mean of 13 , 19 and 22. 18
15. What is the product of 9 and 4? 36
16. Multiply 65 by 100 . 6500
17. What is $6^{2}$ ? 36
18. What is the total of 3.9 and 4.3? 8.2
19. Write $\frac{27}{100}$ as a decimal.
0.27
20. I think of a number, I multiply it by 9 and then subtract 7. My answer is 47. What number did I think of? 6
21. What number is halfway between 12 and 13? 12.5
22. Round 2.4 to the nearest whole number. 2
23. How many vertices are there on a cube? 8
24. What size is angle $x$ ? $125^{\circ}$

$$
6 \mathrm{~cm}
$$

1. $q^{2}=81$
2. Put these in order, starting with the smallest.

$$
\frac{69}{100} \quad 78 \% \quad 0.8
$$

3. What is the size of angle t? $44^{\circ}$

4. $10 \%$ of $86=8.6$
5. The temperature is
$-8^{\circ} \mathrm{C}$. It rises $5^{\circ} \mathrm{C}$. What is the new temperature? $-3^{\circ} \mathrm{C}$
6. $4^{2}+6^{2}=52$
7. $8.52 \times 1000=8520$
8. $3 \times 5 \times 6=90$
9. $(5 \times 4)+(7 \times 6)=62$
10. What are the next two numbers?

13, 7, 1, -5, -11, -17
11. Put these numbers in order, largest first.
१.4, $9.256,9.07$
12. Write $\frac{3}{10}$ as a decimal. $0.3 \quad 10$
13. $0.9 \times 4=3.6$
14. $12+0.3+5.8=$
18.1
15. $7.3-3.4=3.9$

## 1. 1 more than

 4 is
2. $8-3=$
3. 1 less than

7 is $\square$
4. Write the missing numbers.
12, 13, $\qquad$ 15,
5. $4+\square=10$
6. Count on in 5's

5, 10, 15,

7. $1+2+1=$
8. 10 more than 65
is
9. Which is a cube?

.


1. $7-\square=3$
2. James has 10 buttons. He gives 7 to Brad. How many buttons does he have now?
3. 4 cats have $\square$ legs
4. There are
squares.
5. Choose 2 numbers that add up to 3 .

$$
2014
$$

6. $0+2=$
7. $23-1=$

8. A cube has faces.
9. $62+\square=72$
10. $13+14=$
11. What is the next number? 30, 40, 50

12. 46

13. What is the sum of 7,9 and 5 ?
14. Take 1 from 300 .
15. Draw the next shape.

## $\triangle \triangle O \triangle \triangle O$

7. Which is the greatest number? 54, 29, 95, 49,
8. Which number does not belong?
4, 8, 9, 12, 16
9. Does $5 \times 3$ have the same value as $3 \times 5$ ?
10. How many tens are in 90 ?
11. $2+2+2=2 \times$ $\square$
12. How many days are there in 1 week?
13. Is this angle obtuse, acute or a right-angle?
$\qquad$
14. Subtract 20 from seven sixes.
15. $56 \div 8=$
16. What number does this tally show?

17. What are the factors of 20 ?
18. What is half of $£ 5$ ?
19. Round 45 to the nearest 10.
20. Continue this sequence

21. Write the operation to make this calculation correct.

22. What is 100 less than 2001?
23. Which unit should you use to measure the length of a classroom?
24. What needs to be added to 342 to make 450?
25. Write 0.25 as a fraction?
26. What number is halfway between 2400 and 3000 ?
27. Rewrite $\frac{2}{4}$ in its
lowest terms.
28. What fraction of $a$ day is 1 hour?
29. $10 \%$ of $50=$
30. $0.3+0.002+2.04=$
31. Put these numbers in order, largest first.
$\begin{array}{llll}7.05 & 7.505 & 7.017 & 7.5\end{array}$
32. Complete the sequence.
4.4, 4.6, 4.8,

33. Which is the odd one out?
$\begin{array}{lllll}235 & 89 & 759 & 568 & 711\end{array}$
34. What is the value of n?
$17+n=36$
35. Double 37
36. Estimate $437+281$
37. What is the sixth month of the year?
38. $(5 \times 4)+(3 \times 5)=$
39. The Council raised $£ 2014$ in 2012 and $£ 1894$ in 2013. How much did they raise in total?
40. What is the average
of 2.4 and 7.8?
41. $\mathrm{q}^{2}=34+$

42. $x=3, y=5$
$3 y+2 x=$
43. $25 \%$ of 250
44. What is $\frac{1}{2}$ of $\frac{1}{8}$ ?
45. $6^{3}=$
46. What number is halfway between -6 and 4?
47. Write this number in words 34,598
48. $604 \div 2=$
49. Complete the sequence.
$4.75,5,5.25$, $\qquad$
50. Put these numbers in order, largest first. 9.4, 9.07, 9.256
51. Eddie starts school 8:50am and finishes school at quarter past three. How long is the school day?
52. How many months are there in a decade?
53. Insert <, > or $=$ 0.078 $\qquad$
54. 1 more than

4 is 5
2. $8-3=5$
3. 1 less than

7 is 6
4. Write the missing numbers.
$12,13,14,15,16$
5. $4+6=10$
6. Count on in 5's
$5,10,15,20,25$
7. $1+2+1=4$
8. 10 more than 65
is 75
9. Which is a cube?

a)
c) d)
tens ones
10. 24


1. $7-4=3$
2. James has 10 buttons. He gives 7 to Brad. How many buttons does he have now? 3
3. 4 cats have 16 legs
4. There are

3 squares.
5. Choose 2 numbers that add up to $3.2+1$

$$
2014
$$

6. $0+2=2$
7. $23-1=22$

8. A cube has 6 faces.
9. $62+10=72$
10. $13+14=27$

## CLASSROOM Secrets

© Classion secetes Limited 2014 classroomsecrets.com ANSWERS Mixed Mental Maths EMW - Pack 1 - Worksheet 2

## 1. What is the next number? 30, 40, 50, <br> 1. Is this angle obtuse, acute or a right-angle?


3.

4. What is the sum of 7, 9 and 5? 21
5. Take 1 from 300. 299
6. Draw the next shape.

## $\triangle \triangle O \triangle \triangle O \triangle$

7. Which is the greatest number? 54, 29, 95, 49, 95
8. Which number does not belong? 4, 8, 9, 12, 16 9
9. Does $5 \times 3$ have the same value as $3 \times 5$ ? yes
10. How many tens are in 90 ? 9
11. $2+2+2=2 \times 3$
12. How many days are there in 1 week? 7
acute $\qquad$
13. Subtract 20 from seven sixes. 22
14. $56 \div 8=7$
15. What number does this tally show? 13 HH HHIII
16. What are the factors of 20 ? $1,20,2,10,5,4$
17. What is half of $£ 5$ ? $£ 2.50$
18. Round 45 to the nearest 10. 50
19. Continue this sequence
$8 \frac{1}{2}, 9 \frac{1}{2}, 10 \frac{1}{2}, 11 \frac{1}{2}, 12 \frac{1}{2}$
20. Write the operation to make this calculation correct.

$$
7 \times 7=49
$$

10. What is 100 less than 2001? 1901
11. Which unit should you use to measure the length of a classroom? metres
12. What needs to be added to 342 to make 450? 108
13. Write 0.25 as a fraction? $\frac{1}{4}$
14. What number is halfway between 2400 and 3000? 2700
15. Rewrite $\frac{2}{4}$ in its
lowest terms. $\frac{1}{2}$
16. What fraction of a 1
day is 1 hour? $\quad \overline{24}$
17. $10 \%$ of $50=5$
18. $0.3+0.002+2.04=$ 2.342
19. Put these numbers in order, largest first.
7.505, $7.57 .05,7.017$
20. Complete the sequence.
$4.4,4.6,4.8,5,5.2$
21. Which is the odd one out?
$\begin{array}{llll}235 & 89 & 759 & 568 \\ 711\end{array}$
22. What is the value of n?
$17+n=36 \quad n=19$
23. Double 3774
24. Estimate $437+281$ 720
25. What is the sixth month of the year? June
26. $(5 \times 4)+(3 \times 5)=35$
27. The Council raised $£ 2014$ in 2012 and $£ 1894$ in 2013. How much did they raise in total? $£ 3908$
28. What is the average
of 2.4 and 7.8? 5.1
29. $\mathrm{q}^{2}=34+47$
30. $x=3, y=5$
$3 y+2 x=21$
31. $25 \%$ of 25062.5
32. What is $\frac{1}{2}$ of $\frac{1}{8} ? \frac{1}{16}$
33. $6^{3}=216$
34. What number is halfway between -6 and 4? -1
35. Write this number in words 34,598 thirty-four thousand, five hundred and ninety-eight.
36. $604 \div 2=302$
37. Complete the sequence.
$4.75,5,5.25,5.5,5.75$
38. Put these numbers in order, largest first. १.4, १.256, 9.07
39. Eddie starts school 8:50am and finishes school at quarter past three. How long is the school day? 6 hours and 25 minutes
40. How many months are there in a decade?
120
41. Insert $<,>$ or $=$
$0.078<0.08$

## 1. 2 more than

6 is

2. $7: 00$ is 7 o'clock

2 o'clock is :

$$
\text { 3. } 0+\square=5
$$

4. Who has more?

5. $7-\square=5$
6. $5+\square=15$
7. $4+1+3=$

## 9. Count on in 2 s

4, 6, 8,
10. Ten more than 85 is

11. $23+4=$
12. Take 100 from 600.

1. 12 take away 3
2. 3 tens $=$
3. 10 more than 30 is $\square$
4. A triangle has sides.
5. $9-2=\square$ tens and $\square$ ones.
6. $\square-6=14$
7. $3+3+\square=9$
8. Which is the greatest?
78, 32, 67, 87
9. $70=30+10+$
10. A cereal box is a
(sphere, cube, cuboid)
11. $7 \square 9$
greater than >
less than <
12. $7+7=$
13. Is this a right angle?
14. What is the total? $4 m l+13 m l+5 m l+2 m l$
15. Jamie bought 2 chocolate bars. They were 35 p each. How much did they cost altogether?
16. What will the date be 1 week after the $5^{\text {th }}$ of August?
17. $70 \div 10=$
18. What is half of 600 ?
19. Freya ate $\frac{3}{4}$ of a bag of crisps. What fraction was left?
20. Write a number between 30 and 50 that is nearer to 30 .
21. $35 \div 5=$
22. What is 30 more than 60 ?
23. What shape is this?

24. What is the next even number after 26 ?
25. How many right angles are there in a rectangle?
26. A television programme starts at 3:15pm and finishes at 3:35pm. How long does the programme last?
27. $56 \div 8=$
28. $3 \times 9=$
29. What is the product of 3 and 7 ?
30. $240 \div 10=$
31. Maisie was born in 1992. How old was she in 2012?
32. Round this fraction to the nearest whole number.

$$
14 \frac{3}{10}
$$

9. How many millilitres are there in half a litre?
10. $\frac{3}{4}-\frac{1}{2}=$
11. $3+4=\square \div 3$
12. Which two numbers make 300 ?

$$
\begin{array}{llll}
146 & 122 & 154 & 188
\end{array}
$$

13. How many tenths are in 4.5 ?
14. $40-4.0=$
15. $5 \times 12=$
16. Is this an isosceles, equilateral or scalene triangle?

17. Reduce thirty-nine thousand by three thousand.
18. What fraction of a day is 2 hours?
19. Jenny leaves the supermarket at 16:35.
She was there for 50 minutes. What time did she arrive?
20. 346 cm $\qquad$
21. Jamie bought a large chocolate bar for $£ 2.99$. He paid with a $£ 5$ note.
How much change did he receive?
22. Imagine a 100 number square. What number is 2 squares to the right of 54?
23. $\frac{3}{4} \mathrm{~kg}=\square g$
24. What is the total of the even numbers?
$\begin{array}{llll}76 & 95 & 42 & 101\end{array}$
25. $350+\square=1000$
26. $(345-236)-9=$
27. $50 \div 2=$

28. Claire bought five footballs at $£ 1.99$ each. How much did she spend? Calculate her change from $£ 20$.
29. Perdita cut four 12.5 cm lengths from a roll of 70 cm ribbon. How much was left?
30. Round $7 \frac{2}{8}$ to the nearest whole number.
31. $\frac{2}{5}$ of $£ 350=$
32. Write the next three numbers in the sequence.
$1 \frac{4}{5}, 2 \frac{1}{5}, 2 \frac{3}{5}$,
33. Parrie is facing west She turns anti-clockwise $45^{\circ}$. What direction is she facing now?
34. What is the sum of the even numbers between 13 and 17?
35. 0.4 of $20=$
36. I think of a number. I multiply it by 6, divide it by 10 and then add 1.4. My answer is 5 . What number did I think of?
37. Which number is 567 less than 2345?
38. $56 \div 7=$ half of

## 1. 2 more than

6 is 8
2. $7: 00$ is 7 o'clock

2 o'clock is
2:00
3. $0+5=5$
4. Who has more?

6. $7-2=5$
7. $5+10=15$
8. $4+1+3=8$
9. Count on in 2 s
$4,6,8,10,12$
10. Ten more than 85 is 95
11. $23+4=27$
12. Take 100 from 600. 500

1. 12 take away 3

9
2. 3 tens $=30$
3. 10 more than 30
is 40
4. A triangle has 3 sides.
5. $9-2=0$ tens and 7 ones.
6. $20-6=14$
7. $3+3+3=9$
8. Which is the greatest?
78, 32, 67, 87
9. $70=30+10+30$
10. A cereal box is a
(sphere, cube, cuboid)

## 11. $7<9$

greater than > less than <
12. $7+7=14$

1. Is this a right angle? yes
2. What is the total? $4 m l+13 m l+5 m l+2 m l$ 24 ml
3. Jamie bought 2 chocolate bars. They were 35 p each. How much did they cost altogether? 70p
4. What will the date be 1 week after the $5^{\text {th }}$ of August? 12 ${ }^{\text {th }}$ August
5. $70 \div 10=7$
6. What is half of 600 ? 300
7. Freya ate $\frac{3}{4}$ of a bag of crisps. What fraction was left? $\frac{1}{4}$
8. Write a number between 30 and 50 that is nearer to 30 .
$31,32,33,34,35,36$, 37, 38, 39
9. $35 \div 5=7$
10. What is 30 more than 60? 90
11. What shape is this? hexagon
12. What is the next even number after 26 ? 28
13. How many right angles are there in a rectangle? 4
14. A television programme starts at $3: 15 \mathrm{pm}$ and finishes at $3: 35 \mathrm{pm}$. How long does the programme last?
20 minutes
15. $56 \div 8=7$
16. $3 \times 9=27$
17. What is the product of 3 and 7? 21
18. $240 \div 10=24$
19. Maisie was born in
20. How old was she in 2012? 20
21. Round this fraction to the nearest whole number.

$$
14 \frac{3}{10}
$$

9. How many millilitres are there in half a litre? 500 ml
10. $\frac{3}{4}-\frac{1}{2}=\frac{1}{4}$
11. $3+4=21 \div 3$
12. Which two numbers make 300 ?

$$
\begin{array}{llll}
146 & 122 & 154 & 188
\end{array}
$$

13. How many tenths are in 4.5? 5
14. $40-4.0=36$
15. $5 \times 12=60$
16. Is this an isosceles, equilateral or scalene triangle?
scalene

17. Reduce thirty-nine thousand by three thousand. 36,000
18. What fraction of a day is 2 hours?
$\frac{1}{12}$
19. Jenny leaves the supermarket at 16:35.
She was there for 50
minutes. What time did she arrive? 15:45
20. $346 \mathrm{~cm}=3.46 \mathrm{~m}$
21. Jamie bought a large chocolate bar for $£ 2.99$. He paid with a $£ 5$ note. How much change did he receive? $£ 2.01$
22. Imagine a 100 number square. What number is
2 squares to the right of 54? 56
23. $\frac{3}{4} \mathrm{~kg}=750 \mathrm{~g}$
24. What is the total of the even numbers?
$76+42=118$
25. $350+650=1000$
26. $(345-236)-9=100$
27. $50 \div 2=10+15$
28. Claire bought five footballs at $£ 1.99$ each. How much did she spend? Calculate her change from $£ 20$. Spent $£ 9.95, £ 10.05$ change
29. Perdita cut four
12.5 cm lengths from a
roll of 70 cm ribbon.
How much was left?
20 cm
30. Round $7 \frac{2}{8}$ to the
nearest whole number. 7
31. $\frac{2}{5}$ of $£ 350=£ 140$
32. Write the next three numbers in the sequence.
$1 \frac{4}{5}, 2 \frac{1}{5}, 2 \frac{3}{5}, 3,3 \frac{2}{5}, 3 \frac{4}{5}$
33. Parrie is facing west. She turns anti-clockwise $45^{\circ}$. What direction is she facing now?
south-west
34. What is the sum of the even numbers between 13 and 17? 30
35. 0.4 of $20=8$
36. I think of a number. I multiply it by 6, divide it by 10 and then add 1.4. My answer is 5 .

What number did I think of? 6
10. Which number is 567 less than 2345? 1778
11. $56 \div 7=$ half of 16

## 1. 2 less tha

7 is

2. How many triangles?
3. Who has 2 less than Max?

4. Draw 6 circles.

## Draw a ring

around $\frac{1}{2}$
5. $13+2=$
6. $10-3=$
7. Count in 2 s

16, 18, 20,

8. 3 people have
$\square$ legs.

10. $3+3+3=$
11. $9-5=$

1. $19-6=$
2. Count on in 10s. 20, 30, 40,

3. Jamie has 11 sweets and he eats 4. How many are left?
4. Draw the next shape.

5. $50-10=$
6. 5 minutes past 11

7. Choose 3 numbers that add up to 3 .
$\begin{array}{lllll}3 & 0 & 1 & 2 & 4\end{array}$
8. $9+\square=20$
9. $70=30+10+$

10. Hassan had 10 pebbles. He lost $\frac{1}{2}$ of them. How many did he have left?

11. Describe the faces 1. Write $\frac{1}{10}$ as a decimal. of a cylinder.

12. In class $3 T$ there are 12 girls and 17 boys. How many children are in 3 T ?
13. How many days are there in January?
14. How many legs do 4 camels have?
15. What is double 30 ?
16. $100+60+3=$
17. $456-100=$
18. What is the smallest number you can make from these digits?

$$
6,4,2
$$

9. Ten pencils fill in a pencil case. How many pencil cases will 60 pencils fill?
10. $60+60+60=$
11. $8 \times 3=$
12. There are

20 p's in $£ 1.00$
13. $19-5-4=$

1. The product of two numbers is 84 . One number is 7 . What is the other?
2. Is a rectangle a quadrilateral?
3. How many sides has a heptagon?
4. Is 56 a multiple of 8 ?
5. Take 7 tenths from 1.76
6. Damien has a 11 bottle of water. He pours out 450 ml . How much is left in the bottle?
7. A pair of jeans cost
$£ 20$. They are reduced by $10 \%$ in the sale. What is the sale price?
8. What number is three quarters of 36 ?
9. Make 270 using four of these numbers.
$\begin{array}{lllll}63 & 94 & 41 & 59 & 72\end{array}$
10. Find the difference between 3400 and 980 .
11. Which 3 coins would make 72p?
12. Marissa has $£ 6.61$. She wants to buy a board game at $£ 9.98$. How much more money does she need?
13. A jacket costs
$£ 45.50$. In the winter sale, every item has 20\% off. How much did the jacket cost in the sale?
14. $8432 \div 6=$
15. What is half of one million?
16. Which 2D shape has internal angles that add up to $180^{\circ}$ ?
17. Summer was carrying a 51 watering can. She used 2450 ml to water the tomatoes. Write the amount left in the can in litres.
18. Courtney got 18 out of 20 in her spelling test. What percentage did she get?
19. Imagine a number square. What number is three squares below 49?
20. How many days are there in 2 years?
21. Round 45.768 to 2 decimal places.
22. What is the largest remainder you can have when you divide by 12?
23. How many angles has a heptagon?

## 1. 2 less than

7 is 5
2. How many triangles?
3. Who has 2 less than Max?

4. Draw 6 circles.

5. $13+2=15$
6. $10-3=7$
7. Count in 2 s

16, 18, 20, 22, 24
8. 3 people have 6 legs.

10. $3+3+3=9$
11. $9-5=4$

1. $19-6=13$
2. Count on in 10s. 20, 30, 40, 50, 60
3. Jamie has 11 sweets and he eats 4. How many are left? 7
4. Draw the next shape.

5. $50-10=40$
6. 5 minutes past 11
o'clock is 11:05

## 7. Choose 3 numbers

 that add up to 3 .$\begin{array}{lllll}3 & 0 & 1 & 2 & 4\end{array}$
8. $9+11=20$
9. $70=30+10+30$
10. Hassan had 10 pebbles. He lost $\frac{1}{2}$ of them. How many did he have left? 5
11. $20-5=15$

## CL,ASSROOM Secrets

© Classiom Seceest Limited 2014 classroomsecrets.com ANSWERS Mixed Mental Maths EMW - Pack 1 - Worksheet 4

1. Describe the faces of a cylinder. 2 flat faces and 1 curved face 2. In class $3 T$ there are 12 girls and 17 boys. How many children are in 3T? 29
2. How many days are there in January? 31
3. How many legs do 4 camels have? 16
4. What is double 30 ? 60
5. $100+60+3=163$
6. $456-100=356$
7. What is the smallest number you can make from these digits?

$$
6,4,2 \quad 246
$$

9. Ten pencils fill in a pencil case. How many pencil cases will 60 pencils fill? 6
10. $60+60+60=180$
11. $8 \times 3=24$
12. There are 5

20p's in $£ 1.00$
13. $19-5-4=10$

1. Write $\frac{1}{10}$ as a decimal. 1. The product of two 0.1
2. Which is less 25 tens or 2 hundreds? 2 hundreds
3. Order these numbers, starting with the largest. 847654645478329
4. How many days are there altogether in June and July? 61
5. Is $20 \times 5<15 \times 3$ ? no
6. If I eat $\frac{5}{8}$ of a cake, $\frac{3}{8}$ what fraction is left over?
7. Add the odd numbers. $\begin{array}{llllll}43 & 56 & 89 & 21 & 45 & 32\end{array}$ $43+21+89+45=198$ 8. Subtract fourteen from four sixteens. 50
8. $3-\frac{2}{10}=2 \frac{8}{10}$
9. How many sevens are in forty-nine? 7
10. Find the average of 15 and 19.17
11. How many quarter turns are there in a full circle? 4
12. What is 10 more than 6.7? 16.7
13. $78+34=112$
14. Double 152. 304
15. A jacket costs
$£ 45.50$. In the winter sale, every item has 20\% off. How much did the jacket cost in the sale? £36.40
16. $8432 \div 6=1405 r 2$
17. What is half of one million? 500,000
18. Which 2D shape has internal angles that add up to $180^{\circ}$ ? triangle
19. Summer was carrying a 51 watering can. She used 2450 ml to water the tomatoes. Write the amount left in the can in litres. 2.55l
20. Courtney got 18 out of 20 in her spelling test. What percentage did she get? 90\%
21. Imagine a number square. What number is three squares below 49? 79
22. How many days are there in 2 years? 730
23. Round 45.768 to 2 decimal places. 45.77
24. What is the largest remainder you can have when you divide by 12? 11
25. How many angles has a heptagon? 7
26. Which line is the shortest?
a
b
c
27. $9-4=$

28. Draw 4 circles.

Draw a ring
around $\frac{1}{2}$
5. $2+1+2=$
6. $10-\square=6$
7. Ten less than 73
is

8. $32+1=$
9. 3 more than 6
is

10. Is this correct?

$$
8>2
$$

11. $0+7=$
12. Which is the least? 32, 45, 28, 62
13. $3+3=$
14. $5+5+5+5=$
15. If Sam has 13 sweets and he eats 2, how many are left?
16. $\frac{1}{2}$ of $12=$
17. Noah had 13 stickers. He used 5 .
How many were left?
18. $2 \times 5=$
19. $13 \square 11$
greater than > less than <
20. 5 more than 8

21. 5 people have $\square$ legs
22. $54-2=$
23. $10 \times 4=$
24. Divide 8 by 2.
25. Which of these is a right angle?

a) | b) | c) |
| :--- | :--- |
|  | $\square$ |

3. What number is halfway between 18 and 22?

## 4. Add 100 to 437.

5. Which two numbers add up to 30 ?
$\begin{array}{llll}16 & 24 & 14 & 23\end{array}$
6. The difference between 2 numbers is
7. The smaller number is 7 . What is the larger number?
8. Write the even numbers.
$\begin{array}{lllll}54 & 63 & 17 & 15 & 38\end{array}$
9. A programme was $\frac{1}{2}$ hour long. How many minutes was this?
10. What do I add to 13 to make 27 ?
11. $10+30+40=$
12. $£ 1.00+35 p=$
13. $8 \times 5=$
14. Order these numbers, starting with the smallest. 114247609543108
15. A box holds 6 eggs. Basil has 32 eggs. How many boxes will he need?
16. $79+16=$
17. What is the smallest number you can make from 1,5,3 and 9?
18. $108+47=$
19. Carla spent 42 p on sweets. She paid with a $£ 1$ coin. How much change did she receive?
20. What is one quarter of 12?
21. Umar sold 45 books at the charity book sale. Fatima sold 68. How many more did Fatima sell than Umar?
१. Jo saved 13 buttons a week for five weeks. How many buttons did she save?
22. $79 \div 1=$
23. How many days are there in six weeks?
24. $10 \times 100=$
25. $1=\frac{12}{?}$
26. Put these numbers in order, smallest first. $8.97 \quad 8.907 \quad 89.069 .8$
27. Write this number in words. 3408
28. David shares his sweets between 4 people. Each person has 6 sweets and there are 4 left over. How many did he start with?
29. What is 99 less than 745?
30. Name the type of triangle: The sides are the same length and the angles are the same.
31. Which letter is symmetrical?

L G M P Z
7. $1=\frac{200}{?}$
8. Write $\frac{3}{4}$ as a
percentage.
१. 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.
11. $100-64=$

1. $30+435+390=$
2. $25 \%$ of 8 minutes $=$
3. What is four squared added to five cubed?
4. How many seconds are there in 5.25 minutes?
5. 13 children on $a$ school trip took an apple. $90 \%$ did not. How many children went on the school trip?
6. $90 \div 3=$
7. $70 \times 30=$
8. How many days are there in 2 years?
9. What number comes before -12 ?
10. Round 31,349 to the nearest 1000.
11. What is the $13^{\text {th }}$ even number?
12. A theatre has 24 rows of 31 seats. How many seats does the theatre have altogether?
13. Which shape am I? I have 8 vertices and all my faces are the same shape and size.
14. $5^{3}-5^{2}=$

## 1. Which line is the

 shortest?a
b
C
2. $9-4=5$
3. 12

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
8. $32+1=33$
9. 3 more than 6
is 9
10. Is this correct?

$$
8>2 \text { yes }
$$

11. $0+7=7$
12. Which is the least? 32, 45, 28, 62
13. $3+3=6$
14. $5+5+5+5=20$
15. If Sam has 13 sweets and he eats 2, how many are left?
11
16. $\frac{1}{2}$ of $12=6$
17. Noah had 13 stickers. He used 5 . How many were left? 8
18. $2 \times 5=10$
19. $13>11$
greater than > less than <

## 8. 5 more than 8

 is 139. 5 people have 10 legs
10. $54-2=52$
11. $10 \times 4=40$
12. Divide 8 by 2. 4
13. Which of these is a right angle?

a) $\quad$| b) | c) |
| :--- | :--- |
|  | $\square$ |

3. What number is halfway between 18 and 22? 20
4. Add 100 to 437. 537
5. Which two numbers add up to 30 ?
$16 \quad 24 \quad 14 \quad 23$
6. The difference between 2 numbers is 5. The smaller number is 7 . What is the larger number? 12
7. Write the even numbers.
$\begin{array}{lllll}54 & 63 & 17 & 15 & 38\end{array}$
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. $£ 1.00+35 \mathrm{p}=$ $£ 1.35$
12. $8 \times 5=40$
13. Order these numbers, starting with the smallest. 108114247543609
14. A box holds 6 eggs. Basil has 32 eggs. How many boxes will he need? 6
15. $79+16=95$
16. What is the smallest number you can make from 1, 5, 3 and 9? 1359
17. $108+47=155$
18. Carla spent $42 p$ on sweets. She paid with a $£ 1$ coin. How much change did she receive? 58p
19. What is one quarter of 12? 3
20. Umar sold 45 books at the charity book sale. Fatima sold 68. How many more did Fatima sell than Umar? 23
21. Jo saved 13 buttons a week for five weeks. How many buttons did she save? 65
22. $79 \div 1=79$
23. How many days are there in six weeks? 42
24. $10 \times 100=1000$
25. $1=\frac{12}{12}$
26. Put these numbers in order, smallest first.
8.9078 .97 9.8 89.06 2. Write this number in words. 3408 three thousand, four hundred and eight
27. 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
28. What is 99 less than 745? 646
29. Name the type of triangle: Sides are the same length and the angles are the same. equilateral
30. Which letter is symmetrical?
L G M P Z
31. $1=\frac{200}{200}$
32. Write $\frac{3}{4}$ as a
percentage. 75\%
33. Kirsty spent $£ 1.85$ at the cafe. Which 2 items did she buy?
Tea 95p
Coffee $£ 1.10$
Biscuits 75p
34. Write $\frac{30}{9}$ as a mixed number.
$3 \frac{3}{9}$
35. $100-64=36$
36. $30+435+390=855$
37. $25 \%$ 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 apple. $90 \%$ did not. How many children went on the school trip? 130
6. $90 \div 3=30$
7. $70 \times 30=2100$
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
11. What is the $13^{\text {th }}$ 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. $5^{3}-5^{2}=100$

