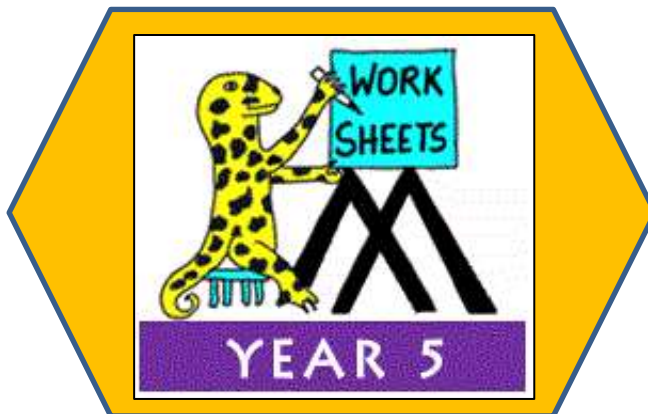


MATH SALAMANDERS YEAR 5

MATHS GRAB PACK 2 ANSWERS



Here are answers to the worksheets in Year 5 Maths Grab Pack 2.

CONTENTS			
1	5-Digit Number Challenges 1	6	Tyger's Money Square Challenge 5
2	Cross Colour by Number Subtraction to 20	7	Circle Times Tables 1 to 12
3	Number Fill In Puzzle 3	8	Geometry Riddles 4A
4	Broken Calculator Problem 3	9	Magic Square Sheet 4.1
5	Easter Egg Shape Colour In 2	10	Mental Math Quiz 5:2

Please give us feedback on our pack – both what you liked and what sheets you would like to see more of by leaving a comment on the link below.

<https://www.math-salamanders.com/math-grab-packs.html>



5-DIGIT NUMBER CHALLENGES 1 ANSWERS

Use the digits **3, 1, 2, 6, 9** to make a 5-digit number each time.

1)	What is the largest 5-digit number you can make with the digits?	96,321
2)	Subtract 90 from this number.	96,231
3)	What is the smallest 5-digit number you can make?	12,369
4)	Add 900 to this number.	13,269
5)	What is the largest even number you can make?	96,312
6)	What is the number closest to 40,000 you can make?	39,621
7)	What is the number closest to 60,000 you can make?	61,239
8)	Make a 5-digit number which is a multiple of 3.	any 5-digit number made with the digits (in any order) will be a multiple of 3
9)	Make a 5-digit number which is a multiple of 4.	the last 2 digits must be divisible by 4
10)	Write down 5 different numbers between 63,000 and 64,000 that you can make.	Any 5 of these 6 63,129 63,192 63,219 63,291 63,912 63,921
11)	Write these 5 numbers in order from smallest to largest.	See above
12)	Look at the number 31,926	
	Round it to the nearest 10.	31,930
	Round it to the nearest 100.	31,900
	Round it to the nearest 1000.	32,000
	Round it to the nearest 10,000.	30,000

EASTER COLOUR BY NUMBER: CROSS SUBTRACTION TO 20 COMPLETED

12-4	10-3	12-6	10-1	16-5	13-3	20-4	16-0	12-3	9-1	15-8	12-6	9-2	14-7	16-9	14-8
15-8	11-5	18-2	20-2	19-3	20-1	19-2	13-6	16-8	10-3	17-7	14-5	13-5	17-9	12-4	8-1
20-4	16-0	7-1	18-2	16-5	12-2	17-8	13-2	16-5	18-9	12-5	15-7	13-7	14-8	10-2	9-3
11-5	14-8	20-9	13-4	18-7	15-4	14-6	16-8	13-5	12-6	9-2	8-0	11-3	15-7	10-4	8-1
14-6	12-5	10-3	11-4	15-8	12-4	9-3	7-4	8-2	11-4	14-7	12-5	9-3	16-5	18-7	13-3
10-2	9-2	15-7	13-7	10-4	11-5	9-1	13-9	13-5	14-3	11-0	16-7	15-5	10-1	19-8	16-6
14-5	20-9	16-9	13-6	11-4	8-1	10-3	14-9	18-2	13-3	19-2	20-1	18-0	11-0	13-4	17-8
16-5	15-4	16-6	20-3	17-9	10-7	12-8	11-7	13-8	10-6	14-5	19-1	20-3	16-7	13-2	14-4
17-7	17-1	19-3	12-4	15-7	11-5	16-7	6-2	15-4	19-8	17-7	16-7	17-0	18-1	16-5	11-2
13-7	16-8	11-5	9-3	14-6	14-8	10-3	9-5	7-0	13-5	17-9	10-4	15-6	20-4	14-7	12-6
16-9	14-8	11-4	10-2	13-4	14-3	16-8	11-7	14-7	12-4	20-9	18-9	7-7	9-8	11-9	7-6
14-3	16-6	19-9	13-4	17-6	15-4	10-0	13-8	12-3	14-3	18-7	8-6	3-1	7-6	9-8	10-9
16-5	17-8	15-4	17-7	20-9	13-4	10-8	7-3	8-6	4-2	9-7	3-2	1-0	3-2	6-5	8-8
20-8	17-3	15-2	11-9	9-8	10-9	5-4	5-1	7-5	8-8	3-2	5-5	7-5	9-8	10-9	6-6
18-6	9-7	4-2	1-0	3-3	15-1	8-4	10-7	12-9	20-7	16-3	14-1	8-6	5-3	6-5	9-9
19-6	16-2	20-5	15-3	18-6	14-9	6-3	10-6	5-2	7-4	11-7	19-7	16-1	17-3	10-8	6-4
18-5	20-8	15-1	19-4	13-9	12-7	8-3	7-4	9-6	11-8	10-6	5-0	20-7	16-2	14-0	17-5
19-7	6-2	7-4	11-6	14-9	12-8	10-6	4-1	6-3	8-3	12-7	13-8	11-8	9-4	14-2	15-0
12-7	10-6	8-3	11-7	13-9	12-7	6-3	8-4	11-6	5-0	6-2	7-3	10-5	13-9	11-7	19-6
13-8	11-7	6-1	5-2	7-3	12-9	9-6	10-5	4-1	6-1	7-2	11-6	14-9	13-8	11-7	9-6

KEY		
0 to 2 brown	3 to 5 black	6 to 8 blue
9 to 11 grey	12 to 15 orange	16 to 20 white



NUMBER FILL IN PUZZLE 3 ANSWERS

5		8		9	4	1	0	2			9
6	7	0	3	7		0		3	2	6	5
2		6		4		9		7			4
9		3	9	6	7	8		6			7
7			7		6		2	5	9	7	1
1	5	9	3	0	4		6			3	
	0				9	7	0	2		8	
4	6	7	1			2			3	6	5
	9		8	7	1	9	7		5		9
9			0		9		0		8		3
6	2	7	9		4		5	3	7	8	4
3			1	8	7				6		

3 DIGITS	4 DIGITS		5 DIGITS		6 DIGITS
187	1098	6279	18091	53784	159304
260	1947	7386	23765	67037	562971
365	3265	7649	25971	87197	
705	4671	8063	35876	94102	
729	5069	9702	39678	95471	
963	5934	9746			
973					

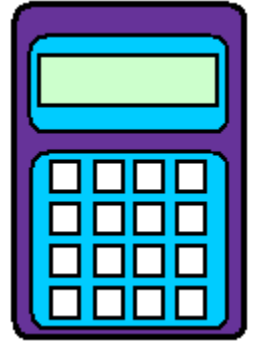


BROKEN CALCULATOR PROBLEM 3 ANSWERS

Captain's calculator has broken.

Unfortunately, none of the buttons work apart from the 4, 7, +, - and = button.

You can make any of the numbers from 1 to 20 in a variety of ways. There is an example of how to make each number below.



$$\underline{4 + 4 - 7} = 1$$

$$\underline{7 + 7 - 4 - 4 - 4} = 2$$

$$\underline{7 - 4} = 3$$

$$\underline{4} = 4$$

$$\underline{4 + 4 + 4 - 7} = 5$$

$$\underline{7 + 7 - 4 - 4} = 6$$

$$\underline{7} = 7$$

$$\underline{4 + 4} = 8$$

$$4 + 4 + 4 + 4 - 7 = 9$$

$$\underline{7 + 7 - 4} = 10$$

$$\underline{7 + 4} = 11$$

$$\underline{4 + 4 + 4} = 12$$

$$\underline{4 + 4 + 4 + 4 + 4 - 7} = 13$$

$$\underline{7 + 7} = 14$$

$$\underline{4 + 4 + 7} = 15$$

$$\underline{4 + 4 + 4 + 4} = 16$$

$$\underline{7 + 7 + 7 - 4} = 17$$

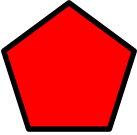
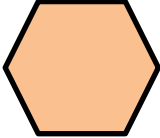
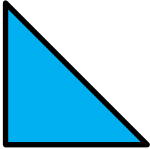

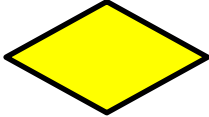
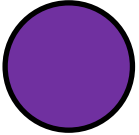
$$\underline{7 + 7 + 4} = 18$$

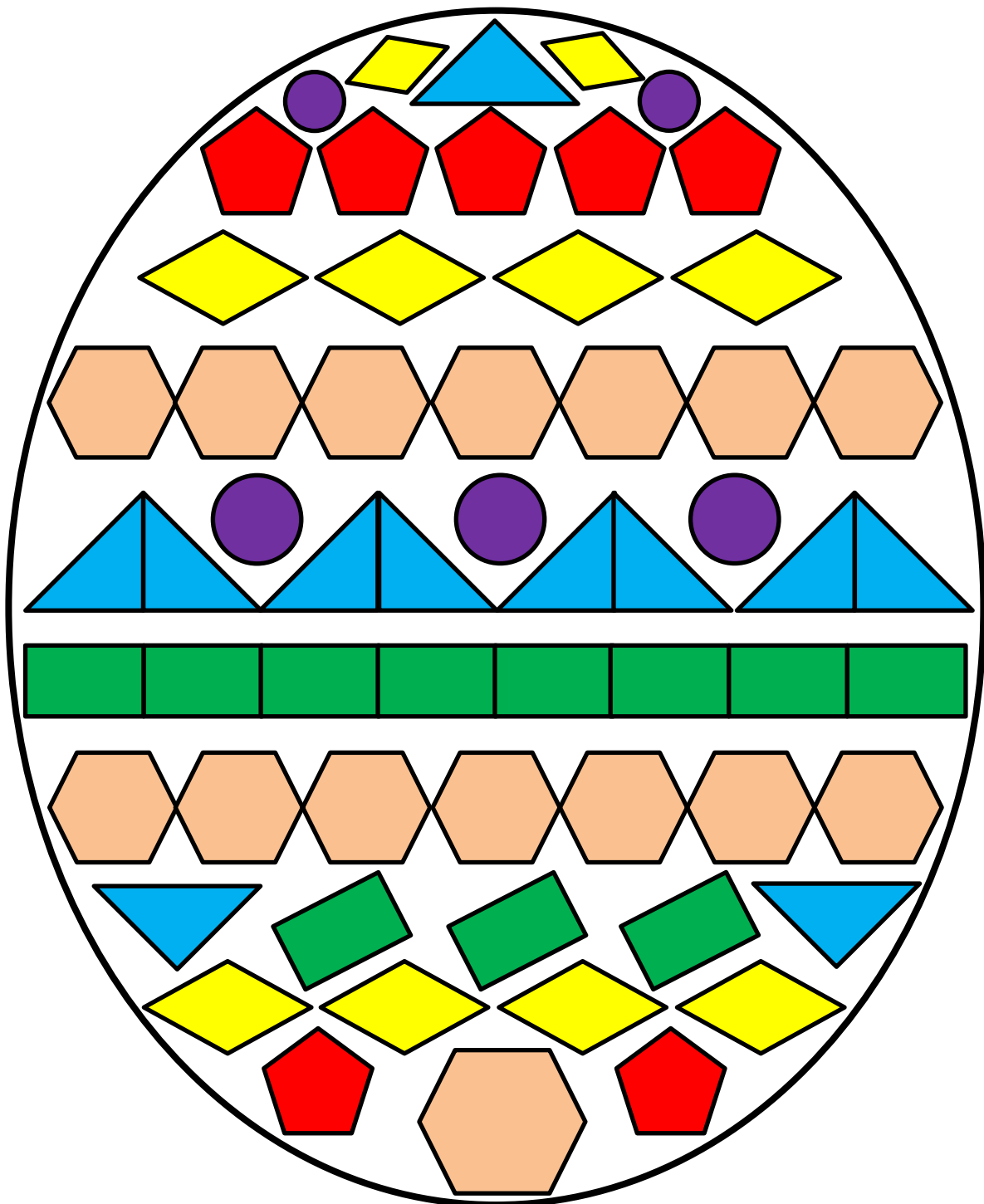
$$\underline{4 + 4 + 4 + 7} = 19$$

$$\underline{4 + 4 + 4 + 4 + 4} = 20$$



















EASTER EGG SHAPE COLOUR IN 2 COMPLETED

Red	Pink	Blue	Green	Yellow	Purple
					



TYGER'S MONEY SQUARE CHALLENGE 5 ANSWERS



				41p
				50p
				26p
				27p

51p

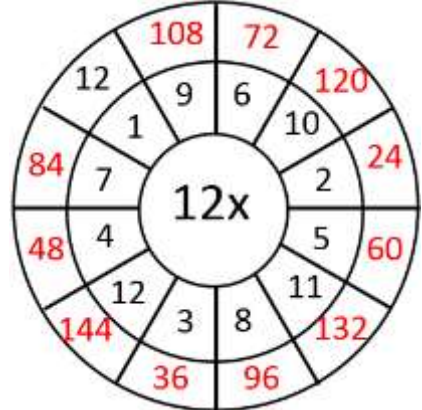
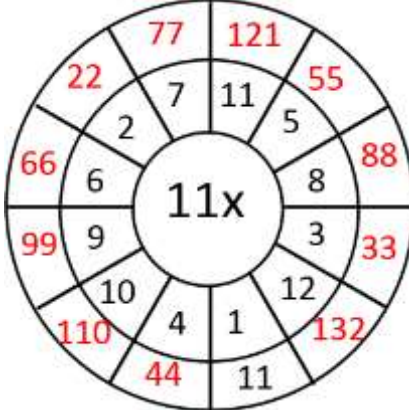
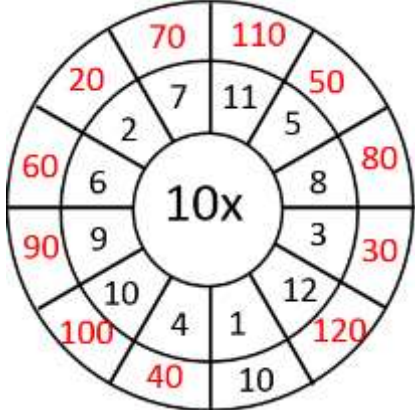
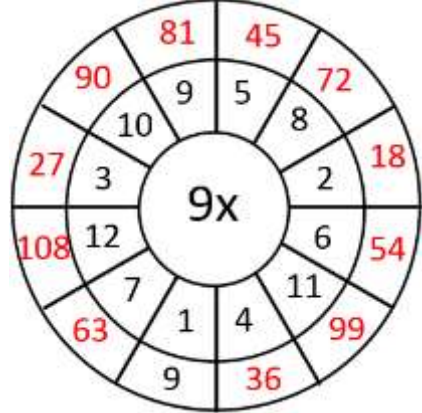
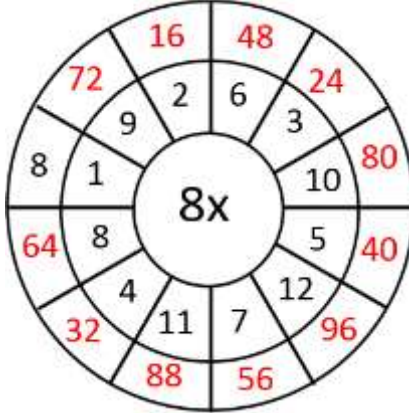
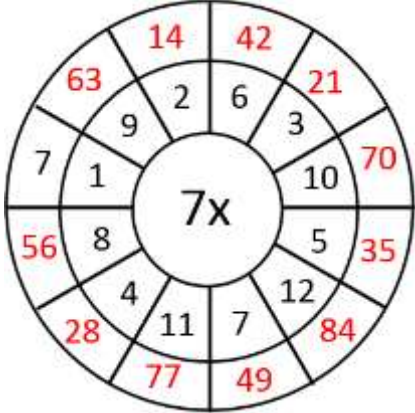
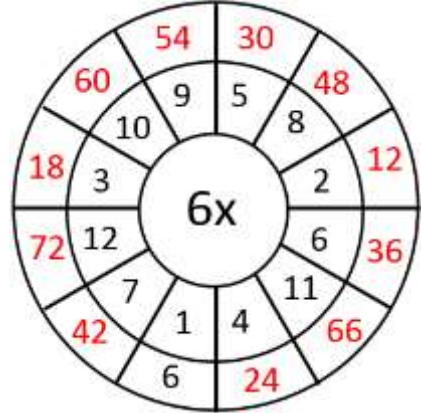
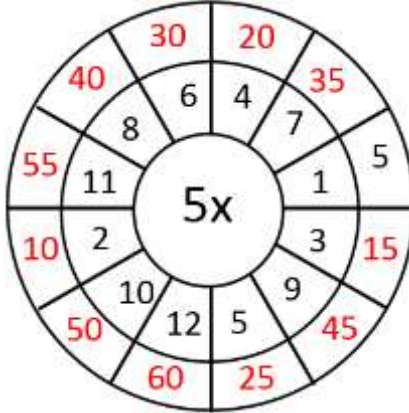
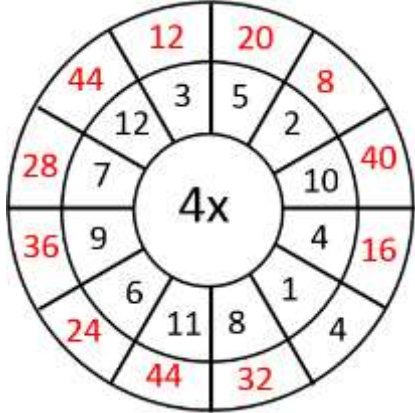
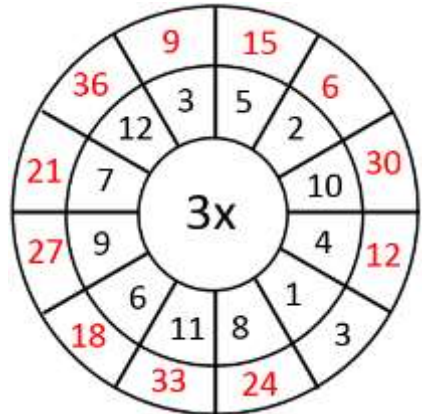
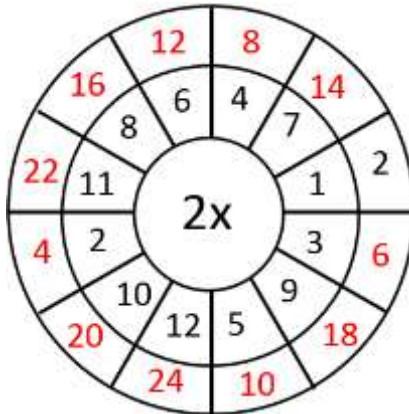
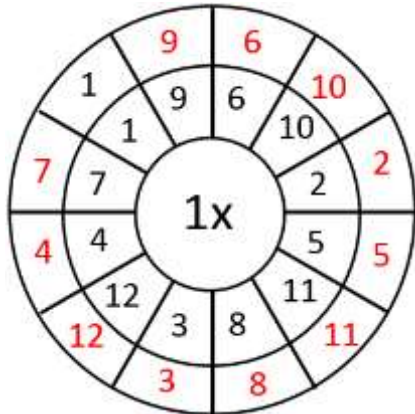
21p

41p

31p



CIRCLE TIMES TABLES 1 TO 12 SHEET 2 ANSWERS

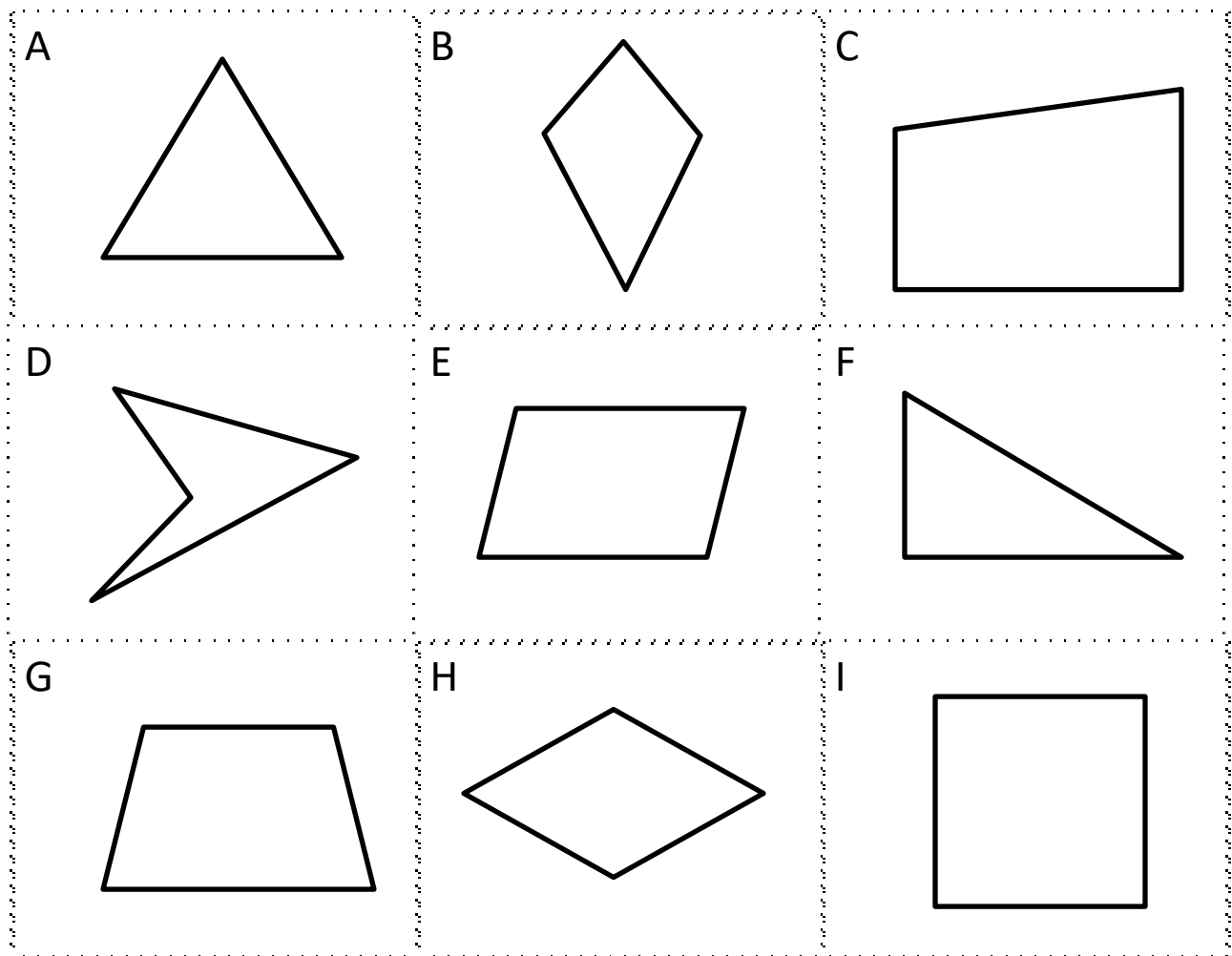


GEOMETRY RIDDLES 4A ANSWERS

- 1) • I am a quadrilateral.
 • I am not a regular shape.
 • I have 2 acute angles.
 • My sides are all equal length.
 • Who am I?
- 2) • I have no parallel sides.
 • I am not regular.
 • I have no lines of symmetry.
 • I have a reflex angle.
 • Who am I?

Shape **H**

Shape **D**



Now write some of your own clues about one of these shapes.

MAGIC SQUARE WORKSHEET 4.1 ANSWERS

1)

The sum is 7.5

1	3.5	3
4.5	2.5	0.5
2	1.5	4

2)

The sum is -3.

-2	3	-4
-3	-1	1
2	-5	0

3)

The sum is 1.5

0.8	0.1	0.6
0.3	0.5	0.7
0.4	0.9	0.2

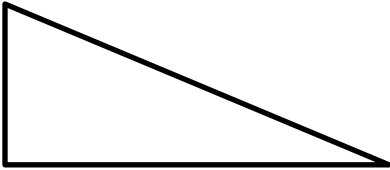
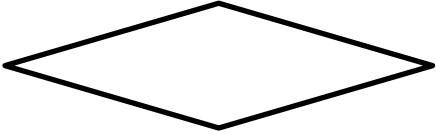
4)

The sum is 300.

40	180	80
140	100	60
120	20	160



MENTAL MATHS QUIZ 5:2 ANSWERS

1)	0.6×4	2.4
2)	Which two of the numbers below are prime? 17 14 15 18 19 10	17 and 19
3)	How many acute angles? 	2
4)	What is the perimeter of a square with sides 50cm?	200 cm or 2m
5)	Which of these numbers are divisible by 5? 32 51 45 20 18	45 and 20
6)	Add together $\frac{2}{10}$, $\frac{3}{10}$ and $\frac{4}{10}$	$\frac{9}{10}$
7)	$9278 = 9008 + \underline{\quad}$	270
8)	What is the name of this shape?  trapezium rectangle rhombus square	rhombus
9)	Round 3.48 to the nearest whole number.	3
10)	A 2kg chicken takes 15 minutes plus 25 minutes per 500g to cook. How long do I need to cook it for? <u> </u> h <u> </u> min	1 h 55 min
11)	I buy 10 raffle tickets at £1.60 per ticket. How much money have I spent?	£16
12)	$\frac{1}{4}$ of 32 subtract $\frac{1}{3}$ of 18	$8 - 6 = 2$
13)	What is the value of the expression $2x + 1$ if $x = 6$?	13
14)	Sally spends £4.30 on a sandwich and £2.50 on a drink. How much change from £10?	£3.20
15)	In a class, $\frac{2}{5}$ of the children are boys. What fraction are girls?	$\frac{3}{5}$
16)	I set off at 7:40am. My journey takes 45 min. When do I arrive?	8:25am

