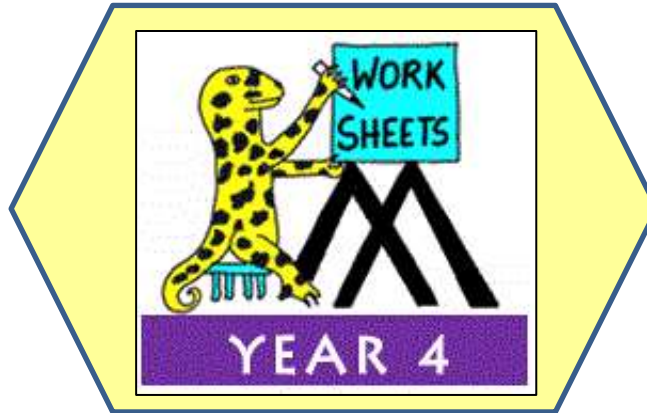


# MATH SALAMANDERS YEAR 4

## MATHS GRAB PACK 3 ANSWERS



Here are answers to all the worksheets in Year 4 Maths Grab Pack 3.

CONTENTS			
1	4-Digit Addition Sheet 3	7	Fraction Spotting Sheet 3
2	Magic Square Worksheet 3.1	8	2D Shape Can You Draw It 1
3	Easter Codebreaker 2B	9	Quadra's Square Puzzle 3
4	4-Digit Subtraction Sheet 3	10	Mental Maths Quiz 4:3
5	How Much Money Challenge 4:1		
6	Place Value 4 Digits Expand It 1		

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/maths-grab-packs.html>



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## 4-DIGIT ADDITION SHEET 3 ANSWERS

$$\begin{array}{r} 1) \quad 6723 \\ + \quad 5168 \\ \hline 11891 \end{array}$$

$$\begin{array}{r} 2) \quad 5208 \\ + \quad 4329 \\ \hline 9537 \end{array}$$

$$\begin{array}{r} 3) \quad 7642 \\ + \quad 495 \\ \hline 8137 \end{array}$$

$$\begin{array}{r} 4) \quad 4437 \\ + \quad 2085 \\ \hline 6522 \end{array}$$

$$\begin{array}{r} 5) \quad 8703 \\ + \quad 1948 \\ \hline 10651 \end{array}$$

$$\begin{array}{r} 6) \quad 3266 \\ + \quad 584 \\ \hline 3850 \end{array}$$

$$\begin{array}{r} 7) \quad 1876 \\ + \quad 1954 \\ \hline 3830 \end{array}$$

$$\begin{array}{r} 8) \quad 7052 \\ + \quad 3759 \\ \hline 10811 \end{array}$$

$$\begin{array}{r} 9) \quad 9256 \\ + \quad 852 \\ \hline 10108 \end{array}$$

$$\begin{array}{r} 10) \quad 5738 \\ + \quad 4907 \\ \hline 10645 \end{array}$$

$$\begin{array}{r} 11) \quad 3674 \\ + \quad 2937 \\ \hline 6611 \end{array}$$

$$\begin{array}{r} 12) \quad 8516 \\ + \quad 1940 \\ \hline 10456 \end{array}$$

$$\begin{array}{r} 13) \quad 6618 \\ + \quad 7295 \\ \hline 13913 \end{array}$$

$$\begin{array}{r} 14) \quad 4473 \\ + \quad 3928 \\ \hline 8401 \end{array}$$

$$\begin{array}{r} 15) \quad 9438 \\ + \quad 1582 \\ \hline 11020 \end{array}$$

$$\begin{array}{r} 16) \quad 5881 \\ + \quad 1706 \\ \hline 7587 \end{array}$$

$$\begin{array}{r} 17) \quad 3894 \\ + \quad 438 \\ \hline 4332 \end{array}$$

$$\begin{array}{r} 18) \quad 8328 \\ + \quad 1563 \\ \hline 9891 \end{array}$$

$$\begin{array}{r} 19) \quad 7433 \\ + \quad 5807 \\ \hline 13240 \end{array}$$

$$\begin{array}{r} 20) \quad 2819 \\ + \quad 1754 \\ \hline 4573 \end{array}$$

$$\begin{array}{r} 21) \quad 5783 \\ + \quad 4217 \\ \hline 10000 \end{array}$$

$$\begin{array}{r} 22) \quad 7875 \\ + \quad 4328 \\ \hline 12203 \end{array}$$

$$\begin{array}{r} 23) \quad 9516 \\ + \quad 4083 \\ \hline 13599 \end{array}$$

$$\begin{array}{r} 24) \quad 5637 \\ + \quad 5394 \\ \hline 11031 \end{array}$$



## MAGIC SQUARE WORKSHEET 3.1 ANSWERS

1) The sum is 15.

2	9	4
7	5	3
6	1	8

2) The sum is 33.

13	3	17
15	11	7
5	19	9

3) The sum is 45.

24	9	12
3	15	27
18	21	6

4) The sum is 60.

21	16	23
22	20	18
17	24	19

# EASTER CODEBREAKER 2B ANSWERS

## MULTIPLICATION FACTS TO 10X10

Use the clues to work out the answer to the Easter joke.

A	B	C	D	E	F	H	I	L	M	N	O	R	S	T	U	Y	!
12	30	49	42	24	48	56	20	40	64	36	64	81	18	28	8	32	14

Did you hear what happened to the rabbits  
who went too near the bath?

Letter	T	H	E	Y		F	E	L	L		
Number	28	56	24	32		48	24	40	40		
Fact	4x7	7x8	6x4	8x4		6x8	4x6	10x4	8x5		

Letter	I	N		A	N	D		B	E	C	A
Number	20	36		12	36	42		30	24	49	12
Fact	5x4	4x9		4x3	9x4	6x7		5x6	3x8	7x7	6x2

Letter	M	E		H	O	T		C	R	O	S
Number	64	24		56	64	28		49	81	64	18
Fact	8x8	4x6		8x7	8x8	7x4		7x7	9x9	8x8	3x6

Letter	S		B	U	N	N	I	E	S	!	
Number	18		30	8	36	36	20	24	18	14	
Fact	9x2		10x3	2x4	4x9	6x6	4x5	8x3	2x9	7x2	



## 4-DIGIT SUBTRACTION SHEET 3 ANSWERS

$$\begin{array}{r} 1) \quad 6754 \\ - 3826 \\ \hline 2928 \end{array}$$

$$\begin{array}{r} 2) \quad 5037 \\ - 2563 \\ \hline 2474 \end{array}$$

$$\begin{array}{r} 3) \quad 8233 \\ - 4528 \\ \hline 3705 \end{array}$$

$$\begin{array}{r} 4) \quad 3586 \\ - 679 \\ \hline 2907 \end{array}$$

$$\begin{array}{r} 5) \quad 7251 \\ - 5738 \\ \hline 1513 \end{array}$$

$$\begin{array}{r} 6) \quad 9346 \\ - 1755 \\ \hline 7591 \end{array}$$

$$\begin{array}{r} 7) \quad 4978 \\ - 3572 \\ \hline 1406 \end{array}$$

$$\begin{array}{r} 8) \quad 5263 \\ - 2957 \\ \hline 2306 \end{array}$$

$$\begin{array}{r} 9) \quad 4384 \\ - 756 \\ \hline 3628 \end{array}$$

$$\begin{array}{r} 10) \quad 2034 \\ - 1758 \\ \hline 0276 \end{array}$$

$$\begin{array}{r} 11) \quad 6243 \\ - 2753 \\ \hline 3490 \end{array}$$

$$\begin{array}{r} 12) \quad 7621 \\ - 2954 \\ \hline 4667 \end{array}$$

$$\begin{array}{r} 13) \quad 6607 \\ - 4254 \\ \hline 2353 \end{array}$$

$$\begin{array}{r} 14) \quad 8032 \\ - 5829 \\ \hline 2203 \end{array}$$

$$\begin{array}{r} 15) \quad 3244 \\ - 978 \\ \hline 2266 \end{array}$$

$$\begin{array}{r} 16) \quad 5782 \\ - 2499 \\ \hline 3283 \end{array}$$

$$\begin{array}{r} 17) \quad 6000 \\ - 4348 \\ \hline 1652 \end{array}$$

$$\begin{array}{r} 18) \quad 4266 \\ - 2952 \\ \hline 1314 \end{array}$$

$$\begin{array}{r} 19) \quad 9164 \\ - 3527 \\ \hline 5637 \end{array}$$

$$\begin{array}{r} 20) \quad 7020 \\ - 1864 \\ \hline 5156 \end{array}$$

$$\begin{array}{r} 21) \quad 3136 \\ - 1827 \\ \hline 1309 \end{array}$$

$$\begin{array}{r} 22) \quad 6431 \\ - 4738 \\ \hline 1693 \end{array}$$

$$\begin{array}{r} 23) \quad 5007 \\ - 1954 \\ \hline 3053 \end{array}$$

$$\begin{array}{r} 24) \quad 8240 \\ - 5384 \\ \hline 2856 \end{array}$$



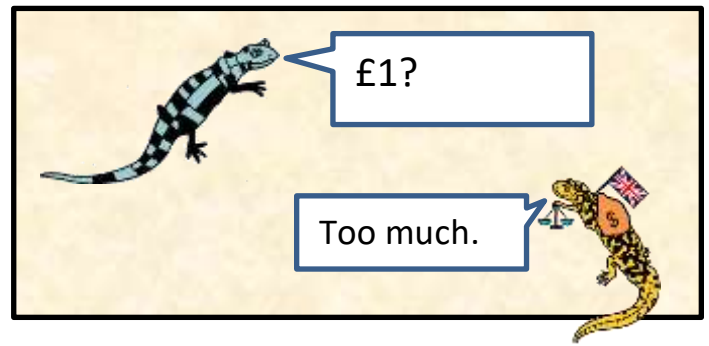
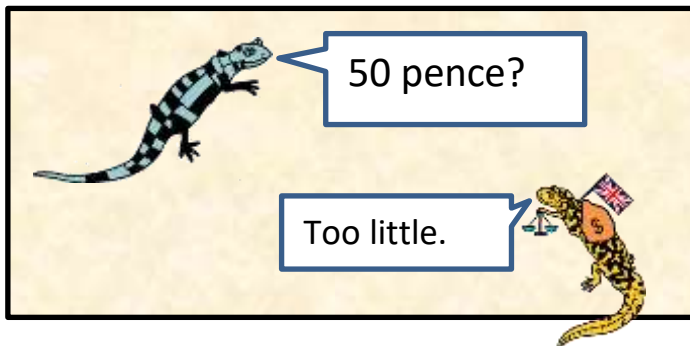
# HOW MUCH MONEY CHALLENGE 4:1 ANSWERS



**Tyger has the silver coins shown above.**

- He chooses 3 of the coins and hides them in his sack.
- Newton has to guess how much money he has in his sack.

*Use these two picture clues below to help you answer the questions.*



**How much money could Tyger have in his sack?**

*There are 6 possibilities - see how many you can find!*

	COIN 1	COIN 2	COIN 3	TOTAL
1)	50p	20p	20p	90p
2)	50p	20p	10p	80p
3)	50p	20p	5p	75p
4)	50p	10p	10p	70p
5)	50p	10p	5p	65p
6)	50p	5p	5p	60p

- What is the largest amount of money he could have? **90p**
- What is the smallest amount of money he could have? **60p**



## PLACE VALUE 4 DIGITS: EXPAND IT 1 ANSWERS

Write these numbers in expanded form.

---

$$1) \quad 1672 = 1000 + 600 + 70 + 2$$

---

$$2) \quad 2347 = \underline{2000 + 300 + 40 + 7}$$

---

$$3) \quad 726 = \underline{700 + 20 + 6}$$

---

$$4) \quad 3264 = \underline{3000 + 200 + 60 + 4}$$

---

$$5) \quad 9273 = \underline{9000 + 200 + 70 + 3}$$

---

$$6) \quad 6251 = \underline{6000 + 200 + 50 + 1}$$

---

$$7) \quad 2786 = \underline{2000 + 700 + 80 + 6}$$

---

$$8) \quad 9045 = \underline{9000 + 40 + 5}$$

---

$$9) \quad 3526 = \underline{3000 + 500 + 20 + 6}$$

---

$$10) \quad 5117 = \underline{5000 + 100 + 10 + 7}$$

---

$$11) \quad 7108 = \underline{7000 + 100 + 8}$$

---

$$12) \quad 2625 = \underline{2000 + 600 + 20 + 5}$$

---

$$13) \quad 8718 = \underline{8000 + 700 + 10 + 8}$$

---

$$14) \quad 2609 = \underline{2000 + 600 + 9}$$

---

$$15) \quad 378 = \underline{300 + 70 + 8}$$

---

$$16) \quad 6273 = \underline{6000 + 200 + 70 + 3}$$

---

$$17) \quad 9817 = \underline{9000 + 800 + 10 + 7}$$

---

$$18) \quad 5604 = \underline{5000 + 600 + 4}$$

---

$$19) \quad 8051 = \underline{8000 + 50 + 1}$$

---

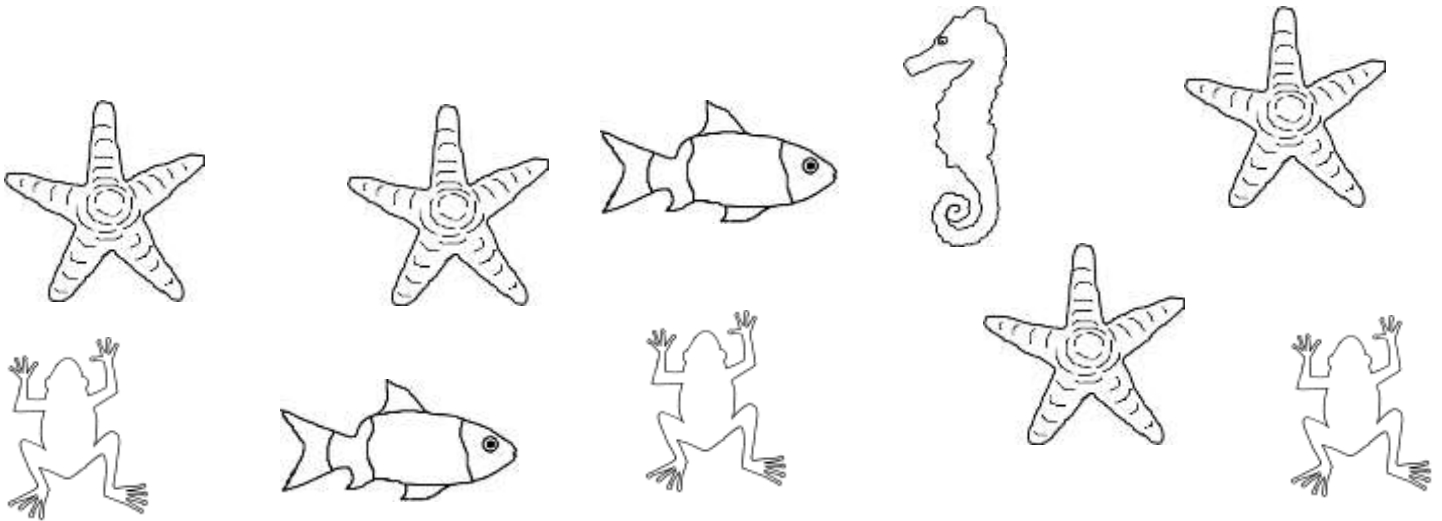
$$20) \quad 6837 = \underline{6000 + 800 + 30 + 7}$$

---



## FRACTION SPOTTING SHEET 3 ANSWERS

Help Frazer the Fraction Salamander to spot the fractions.



How many frogs are there? 3 out of 10 creatures

What fraction of the creatures are frogs?

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

How many starfish are there? 4 out of 10 creatures

What fraction of the creatures are starfish?

$$\frac{4}{10}$$

How many sea horses are there? 1 out of 10 creatures

What fraction of the creatures are sea horses?

$$\frac{1}{10}$$

How many fish are there? 2 out of 10 creatures

What fraction of the creatures are fish?

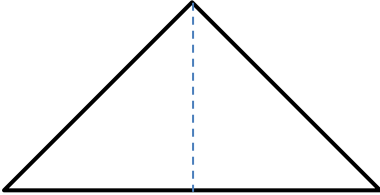
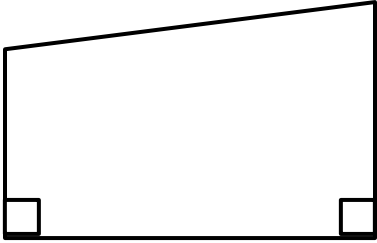
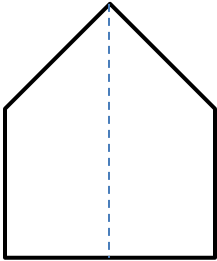

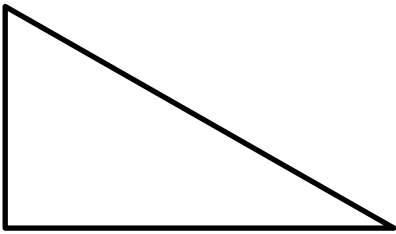
$$\frac{2}{10}$$





## 2D SHAPE - CAN YOU DRAW IT? SHEET 1 ANSWERS

Below is an example of each of the shapes that can be drawn - there are many more valid answers for each example that works.

1) Can you draw a triangle with a line of symmetry?	2) Can you draw a quadrilateral with just 2 right angles?
	
3) Can you draw a triangle with exactly 2 right angles?	4) Can you draw a pentagon with just 1 mirror line?
<p style="text-align: center; color: red;">impossible</p>	
5) Can you draw a quadrilateral with 1 pair of parallel lines?	6) Can you draw a triangle with two acute angles?
	



## QUADRA'S SQUARE PUZZLE 3 ANSWERS

Please note that there are several solutions for each square puzzle. As long as the rows and columns contain the same numbers then the answer should work even if the numbers are in a different place.

**One** solution for each puzzle is given.

1)

10 20 30 40 60 70 80

Total must be 150

70	20	60
50		10
30	40	80

2)

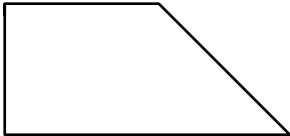

10 20 30 40 60 70 80

Total must be 120

60	40	20
50		70
10	80	30



## MENTAL MATHS QUIZ 4:3 ANSWERS

1)	$7 + \underline{\quad} = 19$	12
2)	How many sides does a hexagon have?	6
3)	$10 \times 7$	70
4)	What is the value of the digit 1 in the number 4215?	10
5)	Round 73 to the nearest 10	70
6)	$28 - 25$	3
7)	Half of 16	8
8)	How many minutes in three quarters of an hour?	45
9)	How many right angles can you see in the shape? 	2
10)	The time is 10:20am. What will the time be in 2 hours?	12:20pm
11)	What is the missing number in the sequence? 39, 37, 35, 33, 31, <u>    </u>	29
12)	$14 + 9 + 6$	29
13)	Write down the number four hundred thirty-six	436
14)	What is the total of all the coins? 	£2.05
15)	The date is 28 <sup>th</sup> April. What will the date be in 5 days' time?	3 <sup>rd</sup> May
16)	How many mm is $3 \frac{1}{2}$ cm?	35