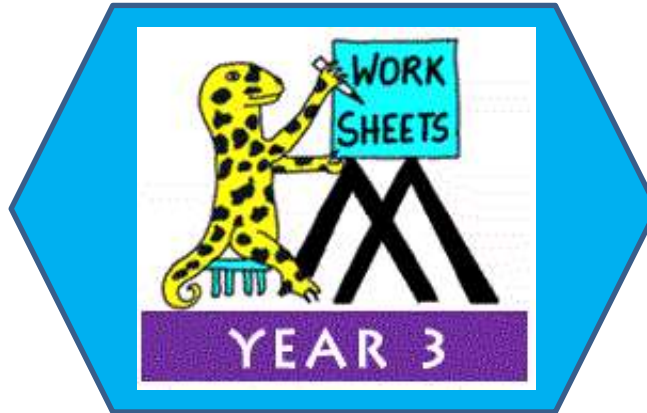


# MATH SALAMANDERS YEAR 3

## MATHS GRAB PACK 1 ANSWERS



Here are answers to the worksheets in Year 3 Maths Grab Pack 1.

CONTENTS (ANSWER SHEETS)			
1	3 Digit Addition	6	Easter Block Coordinates 1
2	Make 30	7	Easter Egg Shape Colour In 1
3	Easter colour by number Subtraction to 10	8	Row of Coins Challenge 1
4	2, 3, 4, 5 and 10 Times Tables	9	Easter Codebreaker 1A
5	Fraction Circles 1	10	Mental Math Sheet 3:A1

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>



## 3-DIGIT ADDITION SHEET 1 ANSWERS

Have a go at these 3-digit addition problems with regrouping in the ones only.

$$\begin{array}{r} 1) \quad \quad \quad 1 \\ \quad \quad 247 \\ + \quad 126 \\ \hline \quad \quad 373 \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad 1 \\ \quad \quad 126 \\ + \quad 115 \\ \hline \quad \quad 241 \end{array}$$

$$\begin{array}{r} 3) \quad \quad \quad 1 \\ \quad \quad 207 \\ + \quad 134 \\ \hline \quad \quad 341 \end{array}$$

$$\begin{array}{r} 4) \quad \quad \quad 1 \\ \quad \quad 428 \\ + \quad 132 \\ \hline \quad \quad 560 \end{array}$$

$$\begin{array}{r} 5) \quad \quad \quad 1 \\ \quad \quad 357 \\ + \quad 206 \\ \hline \quad \quad 563 \end{array}$$

$$\begin{array}{r} 6) \quad \quad \quad 1 \\ \quad \quad 133 \\ + \quad 115 \\ \hline \quad \quad 248 \end{array}$$

$$\begin{array}{r} 7) \quad \quad \quad 1 \\ \quad \quad 445 \\ + \quad 216 \\ \hline \quad \quad 661 \end{array}$$

$$\begin{array}{r} 8) \quad \quad \quad 1 \\ \quad \quad 502 \\ + \quad 254 \\ \hline \quad \quad 756 \end{array}$$

$$\begin{array}{r} 9) \quad \quad \quad 1 \\ \quad \quad 328 \\ + \quad 215 \\ \hline \quad \quad 543 \end{array}$$

$$\begin{array}{r} 10) \quad \quad \quad 1 \\ \quad \quad 267 \\ + \quad 128 \\ \hline \quad \quad 395 \end{array}$$

$$\begin{array}{r} 11) \quad \quad \quad 1 \\ \quad \quad 135 \\ + \quad \quad 27 \\ \hline \quad \quad 162 \end{array}$$

$$\begin{array}{r} 12) \quad \quad \quad 1 \\ \quad \quad 352 \\ + \quad 236 \\ \hline \quad \quad 588 \end{array}$$

$$\begin{array}{r} 13) \quad \quad \quad 1 \\ \quad \quad 335 \\ + \quad 107 \\ \hline \quad \quad 442 \end{array}$$

$$\begin{array}{r} 14) \quad \quad \quad 1 \\ \quad \quad 572 \\ + \quad 306 \\ \hline \quad \quad 878 \end{array}$$

$$\begin{array}{r} 15) \quad \quad \quad 1 \\ \quad \quad 358 \\ + \quad 216 \\ \hline \quad \quad 574 \end{array}$$

$$\begin{array}{r} 16) \quad \quad \quad 1 \\ \quad \quad 208 \\ + \quad \quad 35 \\ \hline \quad \quad 243 \end{array}$$

$$\begin{array}{r} 17) \quad \quad \quad 1 \\ \quad \quad 634 \\ + \quad 255 \\ \hline \quad \quad 889 \end{array}$$

$$\begin{array}{r} 18) \quad \quad \quad 1 \\ \quad \quad 537 \\ + \quad \quad 47 \\ \hline \quad \quad 584 \end{array}$$

$$\begin{array}{r} 19) \quad \quad \quad 1 \\ \quad \quad 407 \\ + \quad 269 \\ \hline \quad \quad 676 \end{array}$$

$$\begin{array}{r} 20) \quad \quad \quad 1 \\ \quad \quad 358 \\ + \quad 139 \\ \hline \quad \quad 497 \end{array}$$



# MAKE 30 ANSWERS

Use the numbers in the grid each time.

6	7	12	25	21
9	10	19	13	18
16	14	23	11	5

## Challenge 1

Find **pairs** of numbers that add up to 30.

Try to find 6 different pairs.

21+9    16+14    23+7    18+12    25+5    19+11

## Challenge 2

Try to find sets of **3** numbers that add up to make 30.

Try to find 6 different answers.

There are many different combinations...here are 6 of them:

5+6+19    5+7+18    6+11+13    6+10+14    7+10+13    9+10+11

## EASTER COLOUR BY NUMBER: RABBIT JUMPING SUBTRACTION TO 10 COMPLETED

9-4	5-0	6-1	9-9	6-4	8-6	5-5	3-1	7-6	9-8	5-4	1-0	10-9	4-3	2-2	7-6
8-3	7-2	10-5	8-7	6-4	2-0	7-5	6-5	10-3	8-1	10-7	10-9	8-6	5-3	4-3	8-8
9-4	6-1	4-3	7-7	6-5	7-5	9-7	6-6	7-0	9-2	10-3	7-4	4-2	2-0	1-0	10-9
0-0	7-7	6-5	4-3	9-7	6-4	3-2	4-3	8-6	8-1	7-0	5-2	7-7	5-4	3-1	6-4
8-8	9-7	5-4	7-6	5-4	2-0	6-6	3-0	6-3	10-7	9-2	10-3	6-3	3-2	5-3	6-5
8-7	4-2	3-1	1-0	7-7	5-2	3-0	10-7	7-4	8-5	4-1	10-7	10-0	7-4	6-5	8-7
6-4	7-4	8-5	10-8	10-7	4-1	6-3	8-5	3-0	7-4	9-6	4-1	6-3	10-7	9-0	5-5
10-8	3-0	5-2	7-4	9-6	6-3	8-5	5-2	8-5	6-3	10-7	7-4	7-0	9-6	10-2	6-4
9-7	7-0	4-1	8-5	5-2	10-7	3-0	7-4	9-6	5-2	3-0	9-6	7-4	5-4	6-5	10-8
7-6	5-5	9-6	10-7	6-3	8-5	10-3	8-1	2-0	4-2	9-2	4-1	9-6	5-2	9-7	8-7
9-9	8-5	10-7	3-0	7-0	9-2	3-1	5-5	8-6	10-8	6-4	8-7	7-4	5-2	8-5	10-9
6-5	7-4	3-0	5-2	10-3	1-1	5-3	7-7	10-6	6-2	10-5	7-2	6-5	9-2	6-3	7-5
3-2	3-0	10-7	8-5	6-4	5-5	10-2	10-4	6-0	7-3	9-5	8-3	9-4	7-6	3-1	1-0
10-9	7-4	9-6	8-6	7-5	10-1	9-0	10-2	8-2	7-1	5-1	6-1	5-0	8-8	1-0	6-4
5-3	8-1	9-2	6-5	7-6	10-4	6-0	9-1	8-0	9-3	10-6	5-1	8-3	1-1	4-2	6-5
8-7	10-8	5-5	6-4	10-5	8-2	9-3	7-1	9-0	10-1	10-4	4-0	6-2	8-7	9-8	10-9
6-6	5-3	7-6	4-2	8-3	9-4	10-4	6-0	10-2	8-0	7-1	8-2	8-4	3-1	4-2	8-7
10-9	5-3	7-6	4-3	6-1	10-5	5-0	8-2	7-1	9-1	10-1	6-0	8-6	10-8	9-7	6-5
8-4	9-5	4-0	5-1	10-6	8-3	9-4	7-2	6-0	10-4	10-2	7-3	9-5	4-0	8-4	5-1
10-6	6-2	9-5	7-3	5-1	8-4	10-5	8-3	6-1	7-3	10-6	4-0	5-1	6-2	9-5	10-6

## KEY

0 to 2 blue

3 white

4 green

5 yellow

6 orange

7 gray

8 or 9 pink

10 black



## 2,3,4,5 &amp; 10 TIMES TABLES SHEET 1 ANSWERS

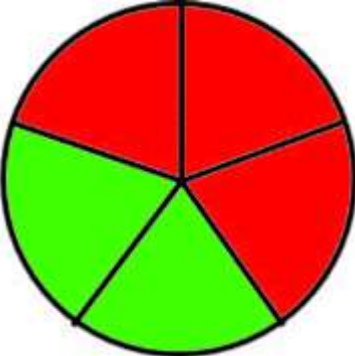
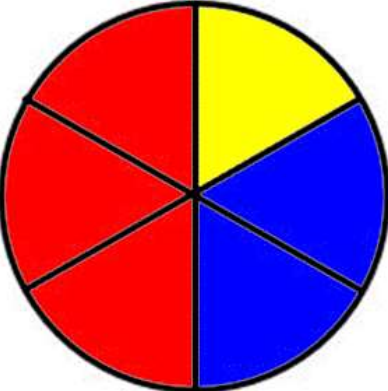
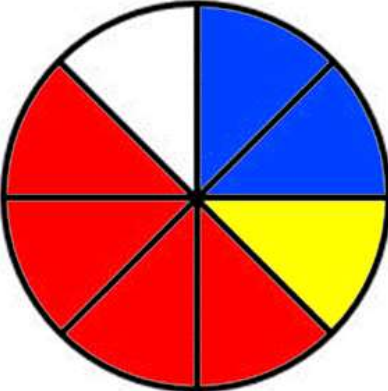
x	1	2	3	4	5	6	7	8	9	10
2	<b>2</b>	<b>4</b>	6	<b>8</b>	10	12	<b>14</b>	16	18	20
3	<b>3</b>	<b>6</b>	9	12	15	18	21	24	27	30
4	<b>4</b>	8	<b>12</b>	16	20	24	28	32	36	40
5	5	<b>10</b>	15	20	25	30	35	40	45	50
10	10	20	<b>30</b>	40	50	60	70	80	90	100

x	5	2	6	3	8	4	7	1	10	9
2	<b>10</b>	<b>4</b>	12	6	16	8	14	2	20	18
3	<b>15</b>	6	<b>18</b>	9	24	12	21	3	30	27
4	20	<b>8</b>	24	12	32	16	28	4	40	36
5	25	10	30	15	40	20	35	5	50	45
10	50	20	60	<b>30</b>	80	40	70	10	100	90

x	7	3	5	2	10	1	8	6	9	4
4	<b>28</b>	12	20	8	40	4	32	24	36	16
2	14	<b>6</b>	10	4	20	2	16	<b>12</b>	18	8
10	70	30	50	20	100	10	80	60	90	40
5	35	15	25	<b>10</b>	50	5	40	30	45	20
3	21	<b>9</b>	15	6	30	3	24	18	27	12

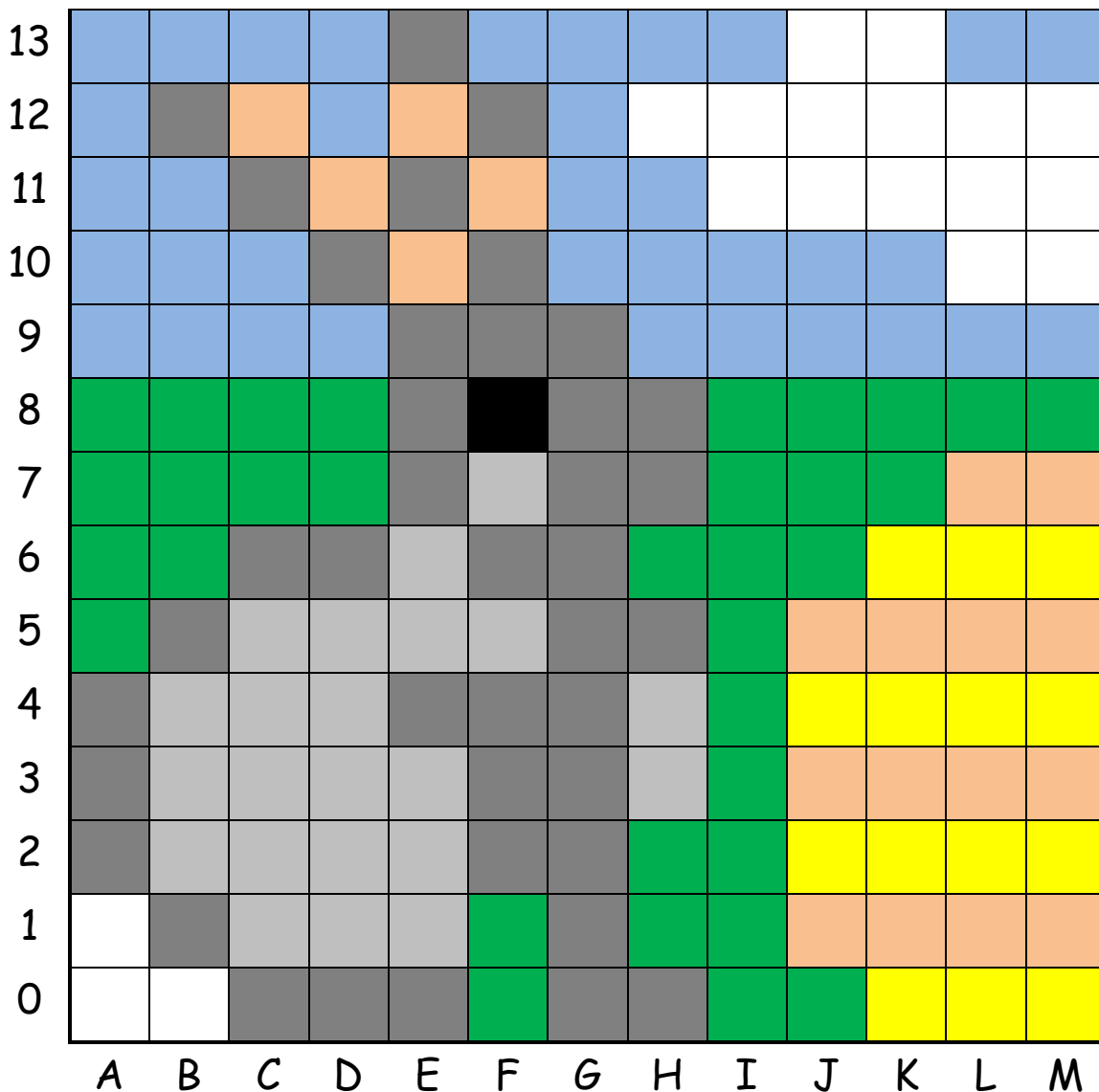


## FRACTION CIRCLES 1 ANSWERS


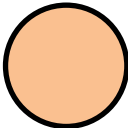
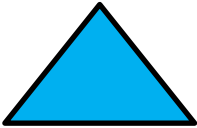


	<p><b>Shade 3 parts red. Shade 2 parts green.</b></p> <p>What fraction is red? <math>\frac{3}{5}</math></p> <p>What fraction is green? <math>\frac{2}{5}</math></p>
	<p><b>Shade 1 part yellow. Shade 2 parts blue. Shade 3 parts red.</b></p> <p>What fraction is yellow? <math>\frac{1}{6}</math></p> <p>What fraction is blue? <math>\frac{2}{6}</math> or <math>\frac{1}{3}</math></p> <p>What fraction is red? <math>\frac{3}{6}</math> or <math>\frac{1}{2}</math></p>
	<p><b>Shade 2 parts blue. Shade 1 part yellow. Shade 4 parts red.</b></p> <p>What fraction is blue? <math>\frac{2}{8}</math> or <math>\frac{1}{4}</math></p> <p>What fraction is yellow? <math>\frac{1}{8}</math></p> <p>What fraction is red? <math>\frac{4}{8}</math> or <math>\frac{1}{2}</math></p> <p>What fraction is unshaded? <math>\frac{1}{8}</math></p>

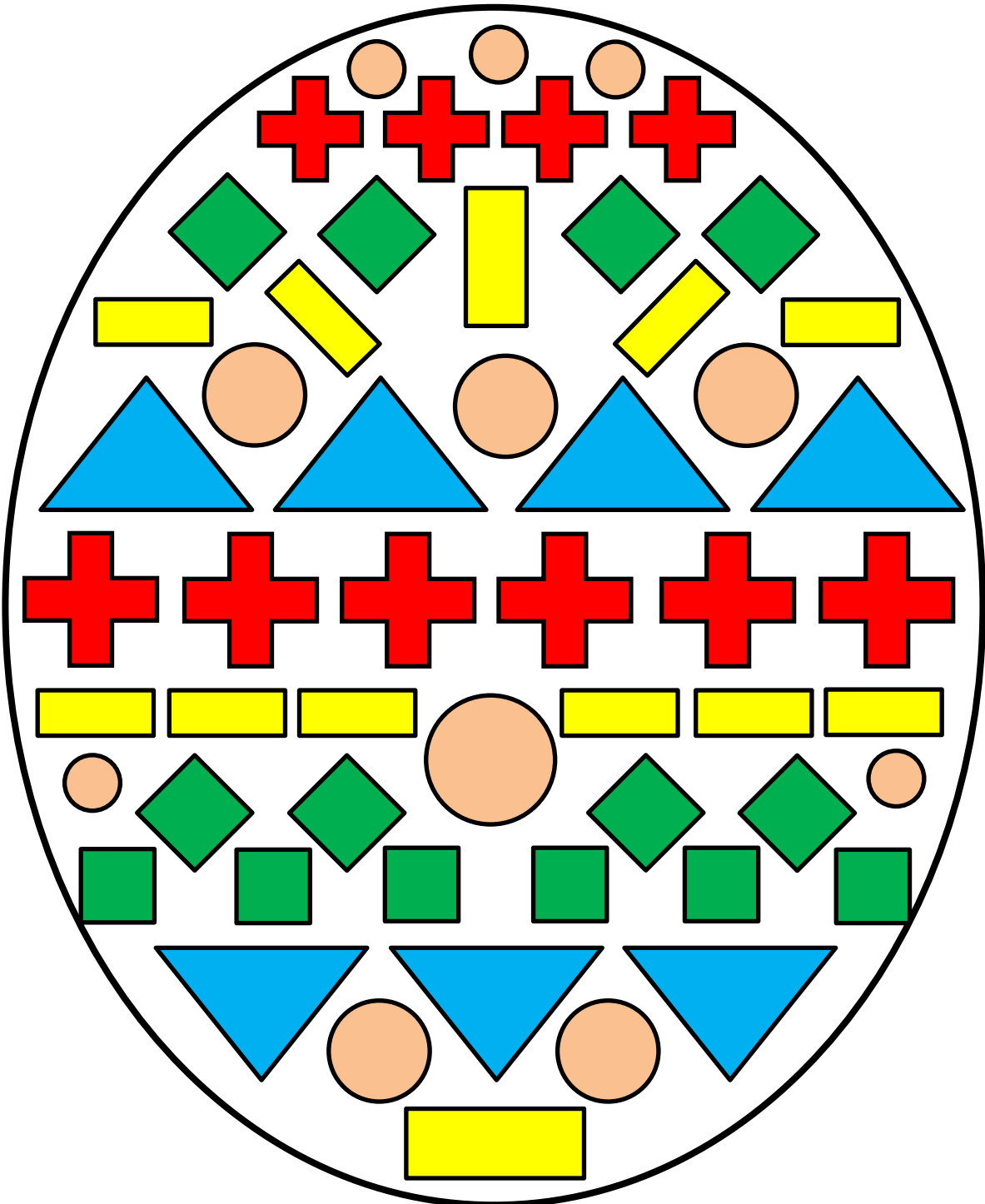
# EASTER BLOCK COORDINATES 1 COMPLETED

<b>Blue</b> A9 A10 A11 A12 A13 B9 B10 B11 B13 C9 C10 C13 D9 D12 D13 F13 G10 G11 G12 G13 H9 H10 H11 H13 I9 I10 I13 J9 J10 K9 K10 L9 L13 M9 M13	<b>Green</b> A5 A6 A7 A8 B6 B7 B8 C7 C8 D7 D8 F0 F1 H1 H2 H6 I0 I1 I2 I3 I4 I5 I6 I7 I8 J1 J6 J7 J8 K7 K8 L8 M8	<b>Light Gray</b> B2 B3 B4 C1 C2 C3 C4 C5 D1 D2 D3 D4 D5 E1 E2 E3 E5 E6 F5 F7 H3 H4	<b>Dark Gray</b> A2 A3 A4 B1 B5 B12 C0 C6 C11 D0 D6 D10 E0 E4 E7 E8 E9 E11 E13 F2 F3 F4 F6 F9 F10 F12 G0 G1 G2 G3 G4 G5 G6 G7 G8 G9 H0 H5 H7 H8
<b>White</b> A0 A1 B0 H12 I11 I12 J11 J12 J13 K11 K12 K13 L10 L11 L12 M10 M11 M12	<b>Pink</b> C12 D11 E10 E12 F11 J1 J3 J5 K1 K3 K5 L1 L3 L5 L7 M1 M3 M5 M7	<b>Yellow</b> J2 J4 K0 K2 K4 K6 L0 L2 L4 L6 M0 M2 M4 M6	<b>Black</b> F8



## EASTER EGG SHAPE COLOUR IN 1

Red	Pink	Blue	Green	Yellow
				





# ROW OF COINS CHALLENGES 1 ANSWERS

## CHALLENGE A ANSWER



## CHALLENGE B ANSWER



## EASTER CODEBREAKER 1A ANSWERS

- ADDITION AND SUBTRACTION FACTS TO 20
- Use the clues to work out the answer to the Easter joke.

A	B	C	D	E	H	I	L	M	O	R	S	T	U	W	Y	-	!
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

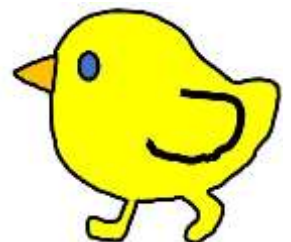
- Why couldn't the Easter Egg Chicks watch tv?

Letter	B	E	C	A	U	S	E		T	H	-
Number	2	5	3	1	14	12	5		13	6	17
Fact	10-8	2+3	12-9	10-9	7+7	2+10	15-10		8+5	15-9	8+9

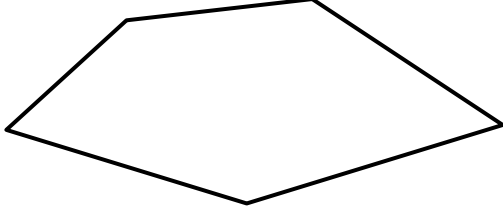

Letter	E	I	R		C	A	B	L	E		
Number	5	7	11		3	1	2	8	5		
Fact	13-8	11-4	3+8		17-14	8-7	15-13	2+6	14-9		

Letter	W	A	S		T	O	T	A	L	L	Y
Number	15	1	12		13	10	13	1	8	8	16
Fact	3+12	7-6	20-8		4+9	19-9	5+8	5-4	14-6	17-9	4+12

Letter	S	C	R	A	M	B	L	E	D	!	
Number	12	3	11	1	9	2	8	5	4	18	
Fact	5+7	12-9	8+3	8-7	16-7	11-9	20-12	2+3	12-8	10+8	



# MENTAL MATHS SHEET 3:A1 ANSWERS

1)	$5 + 7$	<b>12</b>
2)	Half of 10	<b>5</b>
3)	How many sides? 	<b>5</b>
4)	$12 - 5$	<b>7</b>
5)	Write down the number one hundred and eighty-two	<b>182</b>
6)	$40 + 6$	<b>46</b>
7)	Double 8	<b>16</b>
8)	$5 \times 3$	<b>15</b>
9)	What is the next number? 24, 23, 22, 21, 20, ____	<b>19</b>
10)	What is the value of the digit 5 in the number 57?	<b>50</b>
11)	How many TENS make 40p?	<b>4</b>
12)	A football costs £10. How much do 3 footballs cost?	<b>£30</b>
13)	How many minutes in an hour?	<b>60</b>
14)	What is 10 more than 23?	<b>33</b>
15)	How much money? 	<b>27p</b>
16)	I am facing north. I turn a half-turn. What direction am I facing now?	<b>south</b>

