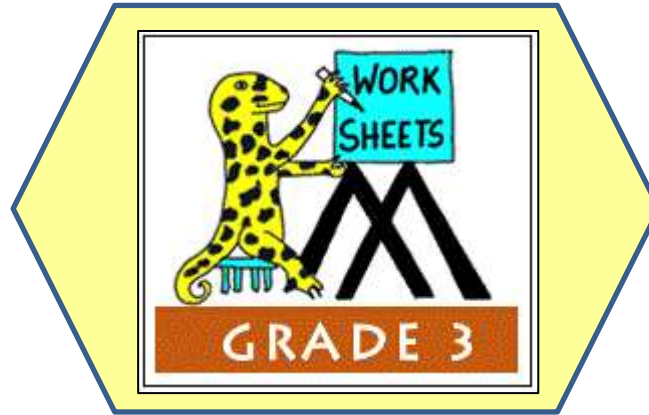


MATH SALAMANDERS GRADE 3

MATHS GRAB PACK 1 ANSWERS



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

CONTENTS			
1	4 Digit Addition	6	Reading Scales 3A
2	Number Fill In Puzzle	7	Broken Calculator Problem 2
3	Easter Colour By Number Addition to 20	8	Circle Times Tables 6 to 9
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5	Easter Codebreaker 1A	10	Mental Math Quiz 3:1

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 1 ANSWERS

$$\begin{array}{r} 1) \quad 2607 \\ + \quad 1328 \\ \hline 3935 \end{array} \quad \begin{array}{r} 2) \quad 5286 \\ + \quad 505 \\ \hline 5791 \end{array} \quad \begin{array}{r} 3) \quad 2305 \\ + \quad 3523 \\ \hline 5828 \end{array} \quad \begin{array}{r} 4) \quad 6817 \\ + \quad 1320 \\ \hline 8137 \end{array}$$

$$\begin{array}{r} 5) \quad 2582 \\ + \quad 2173 \\ \hline 4755 \end{array} \quad \begin{array}{r} 6) \quad 4438 \\ + \quad 3121 \\ \hline 7559 \end{array} \quad \begin{array}{r} 7) \quad 7653 \\ + \quad 273 \\ \hline 7926 \end{array} \quad \begin{array}{r} 8) \quad 1914 \\ + \quad 359 \\ \hline 2273 \end{array}$$

$$\begin{array}{r} 9) \quad 3348 \\ + \quad 2296 \\ \hline 5644 \end{array} \quad \begin{array}{r} 10) \quad 1843 \\ + \quad 4514 \\ \hline 6357 \end{array} \quad \begin{array}{r} 11) \quad 2485 \\ + \quad 5176 \\ \hline 7661 \end{array} \quad \begin{array}{r} 12) \quad 7624 \\ + \quad 365 \\ \hline 7989 \end{array}$$

$$\begin{array}{r} 13) \quad 5597 \\ + \quad 2164 \\ \hline 7761 \end{array} \quad \begin{array}{r} 14) \quad 2357 \\ + \quad 4482 \\ \hline 6839 \end{array} \quad \begin{array}{r} 15) \quad 8615 \\ + \quad 426 \\ \hline 9041 \end{array} \quad \begin{array}{r} 16) \quad 5548 \\ + \quad 3703 \\ \hline 9251 \end{array}$$

$$\begin{array}{r} 17) \quad 3417 \\ + \quad 3351 \\ \hline 6768 \end{array} \quad \begin{array}{r} 18) \quad 1652 \\ + \quad 3275 \\ \hline 4927 \end{array} \quad \begin{array}{r} 19) \quad 4846 \\ + \quad 3372 \\ \hline 8218 \end{array} \quad \begin{array}{r} 20) \quad 8753 \\ + \quad 629 \\ \hline 9382 \end{array}$$

$$\begin{array}{r} 21) \quad 5415 \\ + \quad 2607 \\ \hline 8022 \end{array} \quad \begin{array}{r} 22) \quad 3734 \\ + \quad 3275 \\ \hline 7009 \end{array} \quad \begin{array}{r} 23) \quad 7914 \\ + \quad 466 \\ \hline 8380 \end{array} \quad \begin{array}{r} 24) \quad 2634 \\ + \quad 3536 \\ \hline 6170 \end{array}$$



NUMBER FILL IN PUZZLE 1 ANSWERS

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

3 DIGITS	4 DIGITS	5 DIGITS	6 DIGITS
143	2619	19076	210496
267	3580	20537	420358
468	6034	32706	725692
659	7129	41037	
748	7519	41853	
946	9256	58321	
		84192	



EASTER COLOUR BY NUMBER: CHICK ADDITION TO 20 COMPLETED

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

KEY		
0 to 5 white	6 to 8 green	9 to 11 red
12 to 14 blue	15 to 17 yellow	18 to 20 black



MAKE 50 ANSWERS

Use the numbers in the grid each time.

13	28	6	35	17
34	11	18	44	37
20	16	15	30	22

Challenge 1

Find pairs of numbers that add up to 100.

Try to find 6 different pairs.

$$13+37 \quad 28+22 \quad 44+6 \quad 35+15 \quad 34+16 \quad 30+20$$

Challenge 2

Try to find sets of 3 numbers that add up to make 100.

Try to find 3 different answers.

$$28+16+6 \quad 20+17+13 \quad 22+15+13 \quad 18+17+15 \quad 22+17+11$$

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	



READING SCALES 3A ANSWERS

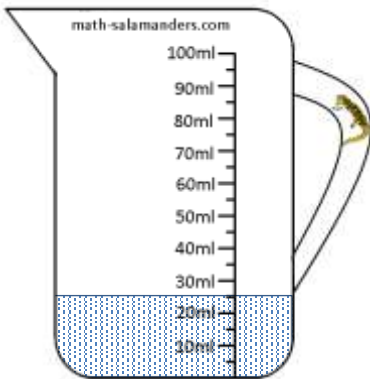
1) How long is the line? 35 mm



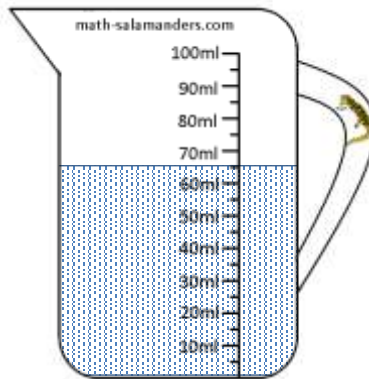
2) How long is the line? 75 mm



3) How many ml? 25



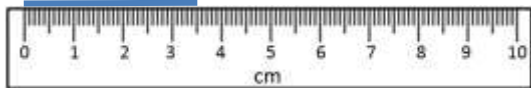
4) How many ml? 65



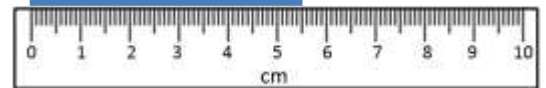
5) How many ml? 45



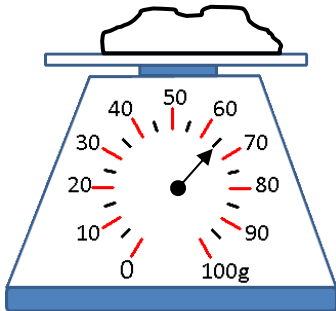
6) How long? 3.5 or 3½ cm



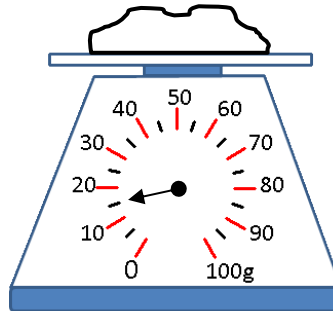
7) How long? 5.5 or 5½ cm



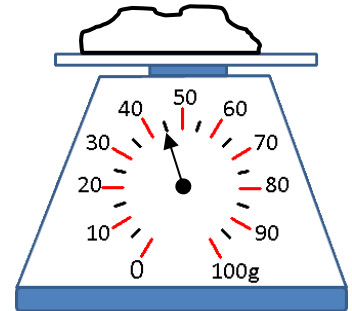
8) How many g? 65



9) How many g? 15



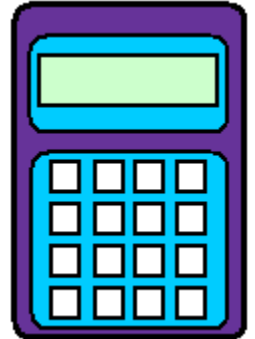
10) How many g? 45



BROKEN CALCULATOR PROBLEM 2 ANSWERS

Captain's calculator has broken.

Unfortunately, none of the buttons work apart from the 3, 5, +, - 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.

One interesting point is that you can make the numbers 11 to 20 simply by adding 5 + 5 to all the answers from 1 to 10.

$$\underline{3 + 3 - 5} = 1$$

$$\underline{5 - 3} = 2$$

$$\underline{3} = 3$$

$$\underline{3 + 3 + 3 - 5} = 4$$

$$\underline{5} = 5$$

$$\underline{3 + 3} = 6$$

$$\underline{5 + 5 - 3} = 7$$

$$\underline{5 + 3} = 8$$

$$\underline{3 + 3 + 3} = 9$$

$$\underline{5 + 5} = 10$$

$$3 + 3 + 5 = 11$$

$$\underline{3 + 3 + 3 + 3} = 12$$

$$\underline{5 + 5 + 3} = 13$$

$$\underline{3 + 3 + 3 + 5} = 14$$

$$\underline{5 + 5 + 5} = 15$$

$$\underline{5 + 5 + 3 + 3} = 16$$

$$\underline{5 + 5 + 5 + 5 - 3} = 17$$

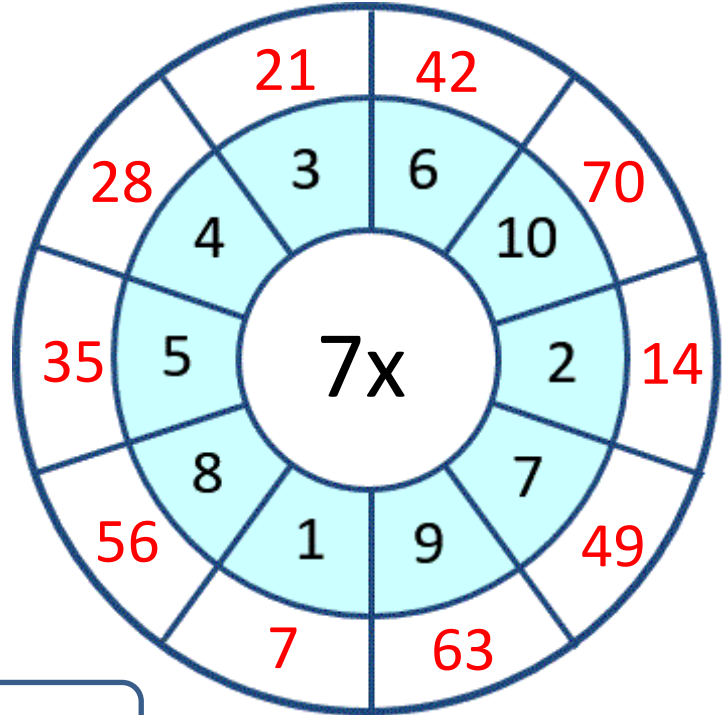
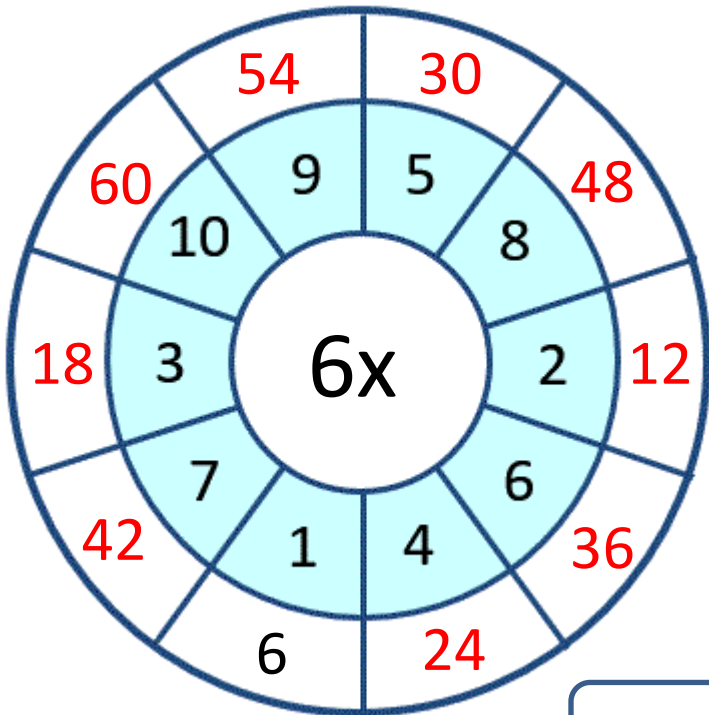
$$\underline{5 + 5 + 5 + 3} = 18$$

$$\underline{5 + 5 + 3 + 3 + 3} = 19$$

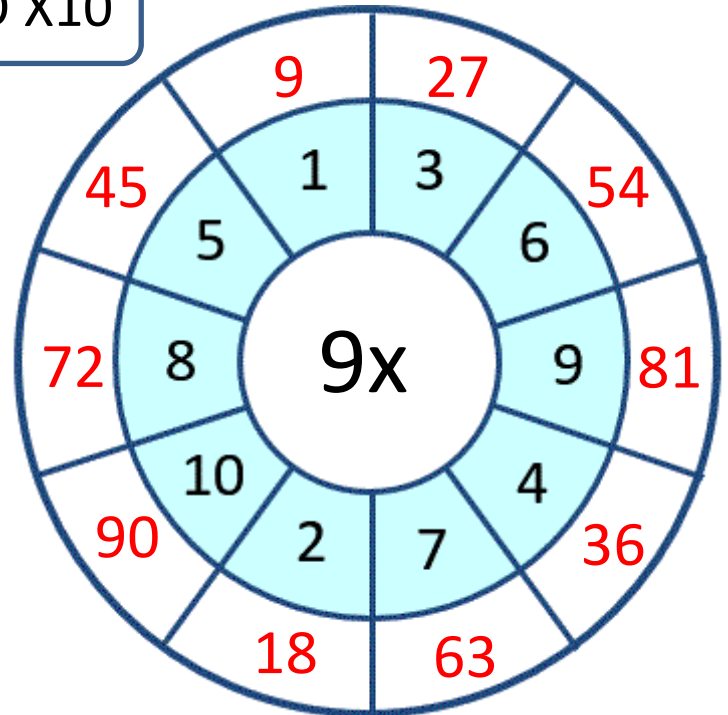
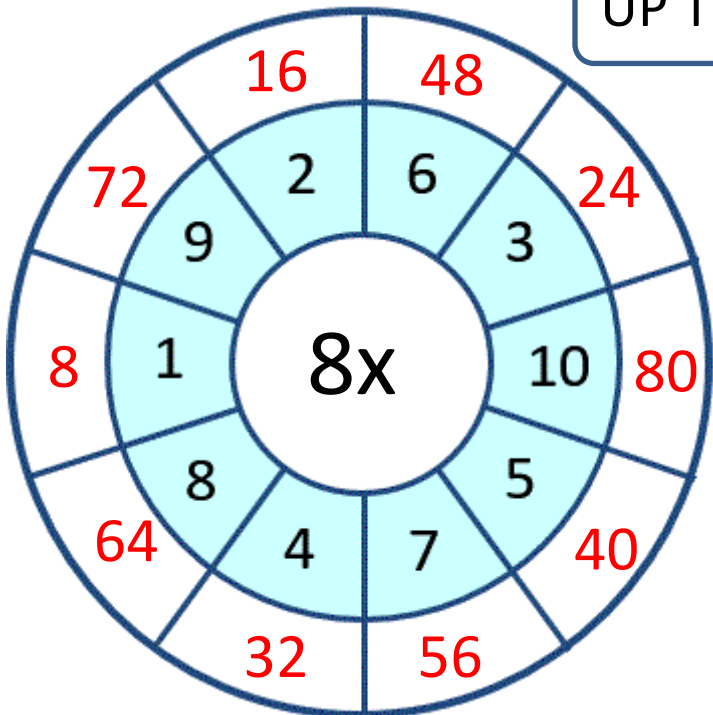
$$\underline{5 + 5 + 5 + 5} = 20$$



CIRCLE TIMES TABLES 6 TO 9 SHEET 2A ANSWERS









UP TO X10



COUNTING MONEY RIDDLES 3A ANSWERS


Use the clues to find the correct set of coins from the 4 possibilities.

CHALLENGE 1	CHALLENGE 2
<ul style="list-style-type: none"> I am more than 100 cents. 	<ul style="list-style-type: none"> I am less than 250 cents.
<ul style="list-style-type: none"> I am less than 220 cents. 	<ul style="list-style-type: none"> I do not have two coins.
<ul style="list-style-type: none"> My highest value coin is not \$2. 	<ul style="list-style-type: none"> My lowest value coin is not 10c.
<ul style="list-style-type: none"> All of my coins have different values. 	<ul style="list-style-type: none"> You can make my value using just 10c coins.
Who am I? <u>E) \$1.15</u>	Who am I? <u>B) \$1.10</u>

<p>A</p> 	<p>B</p> 
<p>C</p> 	<p>D</p> 
<p>E</p> 	<p>F</p> 



MENTAL MATHS QUIZ 3:1 ANSWERS

1)	Work out $14 + 5 + 6$	25
2)	How many sides does a pentagon have?	5
3)	What number is halfway between 12 and 20?	16
4)	$20 - 4$	16
5)	Write down the number three hundred and seven	307
6)	Fill in the missing number $156 = 150 + \underline{\quad}$	6
7)	What is the missing number in this sequence? 2, 5, 8, 11, 14, 17, $\underline{\quad}$	20
8)	5×6	30
9)	Which of these numbers is not even? 12, 28, 57, 32, 46, 70	57
10)	What is the value of the digit 3 in the number 735?	30
11)	I have \$1. I spend 45c. How much do I have left?	55 c
12)	What is the name of this shape? 	trapezium
13)	How many groups of 3 make 15?	5
14)	The date is the 15 th March. What will the date be in a week's time?	22 nd March
15)	What is double 43?	86
16)	An apple costs 23c. How much do 3 apples cost?	69c