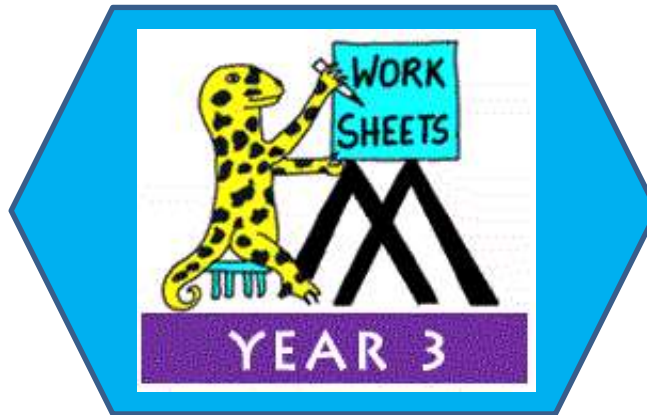


MATH SALAMANDERS YEAR 3

MATHS GRAB PACK 3 ANSWERS



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

CONTENTS (ANSWER SHEETS)			
1	3-Digit Addition Sheet 3	7	3-Digit Subtraction Sheet 2
2	Quadra's Square Puzzle 2	8	Reading Scales 2G
3	Who Has Most to £5 Sheet 1	9	2,3,4,5 and 10 Times Tables #2
4	Subtraction up to 20 Sheet 1	10	Mental Maths Quiz 3:A3
5	Parking Lots 2	11	The Multiple Game 1 to 6
6	Easter Block Coordinates 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/maths-grab-packs.html>



3-DIGIT ADDITION SHEET 3 ANSWERS

$$\begin{array}{r}
 1 \ 1 \\
 1) \quad 278 \\
 + \quad 153 \\
 \hline
 431
 \end{array}
 \quad
 \begin{array}{r}
 2) \quad 437 \\
 + \quad 248 \\
 \hline
 685
 \end{array}
 \quad
 \begin{array}{r}
 3) \quad 179 \\
 + \quad 253 \\
 \hline
 432
 \end{array}
 \quad
 \begin{array}{r}
 4) \quad 520 \\
 + \quad 286 \\
 \hline
 806
 \end{array}$$

$$\begin{array}{r}
 5) \quad 379 \\
 + \quad 56 \\
 \hline
 435
 \end{array}
 \quad
 \begin{array}{r}
 6) \quad 647 \\
 + \quad 206 \\
 \hline
 853
 \end{array}
 \quad
 \begin{array}{r}
 7) \quad 716 \\
 + \quad 221 \\
 \hline
 937
 \end{array}
 \quad
 \begin{array}{r}
 8) \quad 576 \\
 + \quad 328 \\
 \hline
 904
 \end{array}$$

$$\begin{array}{r}
 9) \quad 342 \\
 + \quad 437 \\
 \hline
 779
 \end{array}
 \quad
 \begin{array}{r}
 10) \quad 589 \\
 + \quad 45 \\
 \hline
 634
 \end{array}
 \quad
 \begin{array}{r}
 11) \quad 289 \\
 + \quad 176 \\
 \hline
 465
 \end{array}
 \quad
 \begin{array}{r}
 12) \quad 547 \\
 + \quad 326 \\
 \hline
 873
 \end{array}$$

$$\begin{array}{r}
 13) \quad 473 \\
 + \quad 268 \\
 \hline
 741
 \end{array}
 \quad
 \begin{array}{r}
 14) \quad 298 \\
 + \quad 337 \\
 \hline
 635
 \end{array}
 \quad
 \begin{array}{r}
 15) \quad 708 \\
 + \quad 156 \\
 \hline
 864
 \end{array}
 \quad
 \begin{array}{r}
 16) \quad 683 \\
 + \quad 74 \\
 \hline
 757
 \end{array}$$

$$\begin{array}{r}
 17) \quad 573 \\
 + \quad 264 \\
 \hline
 837
 \end{array}
 \quad
 \begin{array}{r}
 18) \quad 697 \\
 + \quad 218 \\
 \hline
 915
 \end{array}
 \quad
 \begin{array}{r}
 19) \quad 449 \\
 + \quad 55 \\
 \hline
 504
 \end{array}
 \quad
 \begin{array}{r}
 20) \quad 308 \\
 + \quad 439 \\
 \hline
 747
 \end{array}$$

$$\begin{array}{r}
 21) \quad 276 \\
 + \quad 354 \\
 \hline
 630
 \end{array}
 \quad
 \begin{array}{r}
 22) \quad 317 \\
 + \quad 652 \\
 \hline
 969
 \end{array}
 \quad
 \begin{array}{r}
 23) \quad 575 \\
 + \quad 385 \\
 \hline
 960
 \end{array}
 \quad
 \begin{array}{r}
 24) \quad 761 \\
 + \quad 156 \\
 \hline
 917
 \end{array}$$



QUADRA'S SQUARE PUZZLE 2 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)

1 2 4 6 7 8

Total must be 15

7	2	6
5		1
3	4	8

2)













1 2 4 6 7 8

Total must be 12

6	5	1
4		8
2	7	3



WHO HAS MOST? TO £5 SHEET 1 ANSWERS

 Newton	Symbol	 Quadra
 <u>£2.40</u>	<	 <u>£2.50</u>
 <u>57p</u>	>	 <u>50p</u>
 <u>£1.15</u>	<	 <u>£1.20</u>
 <u>£2.70</u>	<	 <u>£3.02</u>
 <u>60p</u>	=	 <u>60p</u>



SUBTRACTION UP TO 20 SHEET 1 ANSWERS

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

$$1) \quad 13 - 2 = \underline{11}$$

$$13) \quad 19 - 6 = \underline{13}$$

$$2) \quad 15 - 4 = \underline{11}$$

$$14) \quad 17 - 4 = \underline{13}$$

$$3) \quad 12 - 10 = \underline{2}$$

$$15) \quad 16 - 2 = \underline{14}$$

$$4) \quad 14 - 3 = \underline{11}$$

$$16) \quad 18 - 4 = \underline{14}$$

$$5) \quad 15 - 5 = \underline{10}$$

$$17) \quad 15 - 7 = \underline{8}$$

$$6) \quad 16 - 7 = \underline{9}$$

$$18) \quad 8 - 5 = \underline{3}$$

$$7) \quad 19 - 2 = \underline{17}$$

$$19) \quad 18 - 5 = \underline{13}$$

$$8) \quad 20 - 3 = \underline{17}$$

$$20) \quad 19 - 13 = \underline{6}$$

$$9) \quad 15 - 4 = \underline{11}$$

$$21) \quad 17 - 9 = \underline{8}$$

$$10) \quad 12 - 9 = \underline{3}$$

$$22) \quad 18 - 7 = \underline{11}$$

$$11) \quad 10 - 7 = \underline{3}$$

$$23) \quad 17 - 5 = \underline{12}$$

$$12) \quad 16 - 4 = \underline{12}$$

$$24) \quad 14 - 8 = \underline{6}$$

Key question: what do you notice about the answer to $18 - 5$ and the answer to $8 - 5$? Answer: the answer to the 1st question is 10 more.

PARKING LOTS 2 ANSWERS

- There are 4 cars: a red car, a blue car, a green car and a yellow car.
- There are 4 parking lots for the cars, labelled from 1 to 4.
- Lot 1 has been reserved for either the red or yellow car only.
- There are 12 different ways for the cars to park in the lots.

How many can you find?



1 RED OR YELLOW CAR ONLY	2 ANY CAR	3 ANY CAR	4 ANY CAR
--------------------------------	--------------	--------------	--------------

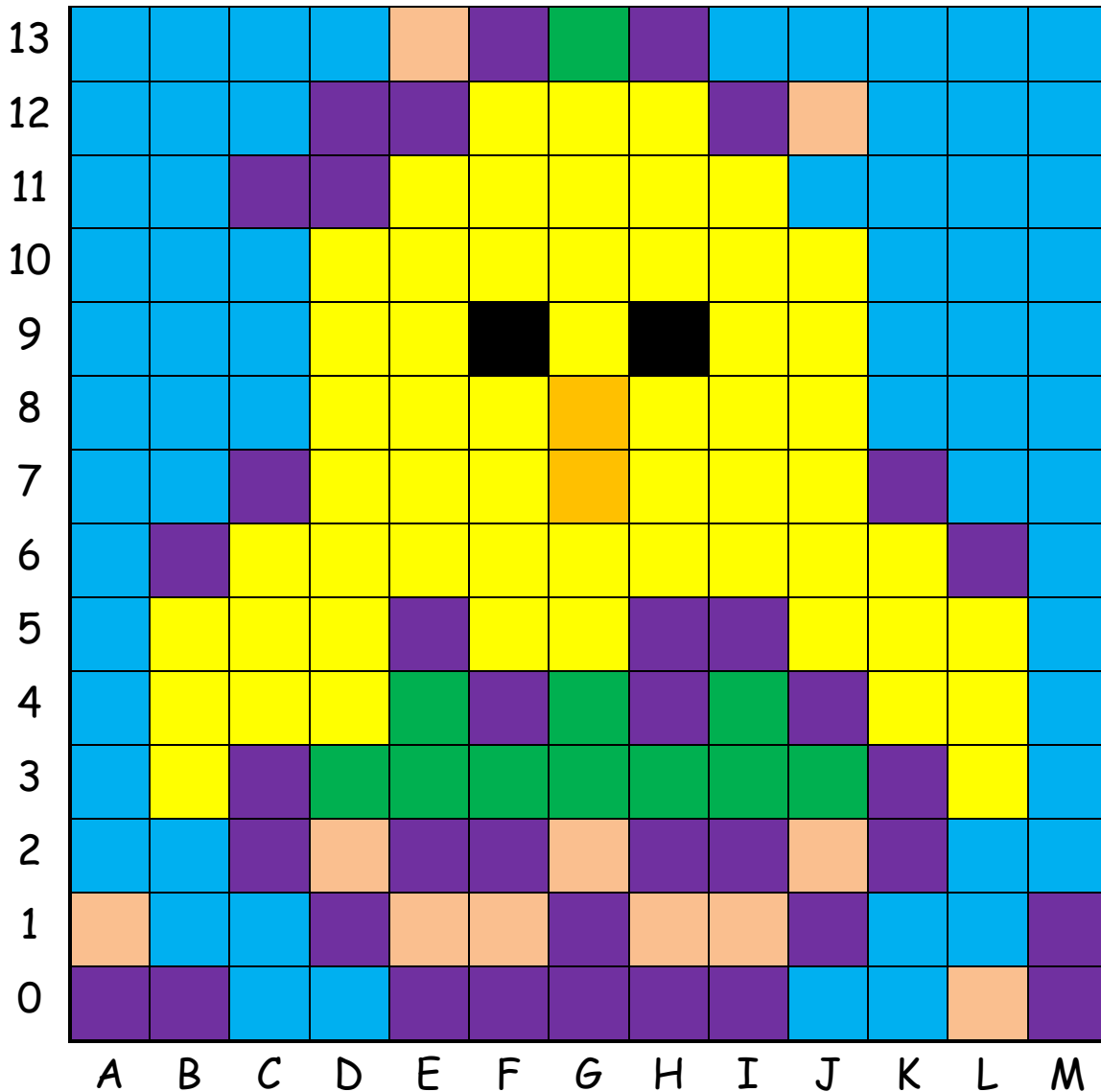
LOT 1	LOT 2	LOT 3	LOT 4
RED	YELLOW	BLUE	GREEN
RED	YELLOW	GREEN	BLUE
RED	BLUE	YELLOW	GREEN
RED	BLUE	GREEN	YELLOW
RED	GREEN	YELLOW	BLUE
RED	GREEN	BLUE	YELLOW
YELLOW	RED	BLUE	GREEN
YELLOW	RED	GREEN	BLUE
YELLOW	BLUE	RED	GREEN
YELLOW	BLUE	GREEN	RED
YELLOW	GREEN	RED	BLUE
YELLOW	GREEN	BLUE	RED

What if any car could park in any lot? How many possibilities then?

If any car could park in any lot, there would be 24 possibilities.

EASTER BLOCK COORDINATES 2 COMPLETED

Blue A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 B1 B2 B7 B8 B9 B10 B11 B12 B13 C0 C1 C8 C9 C10 C12 C13 D0 D13 I13 J0 J11 J13 K0 K1 K8 K9 K10 K11 K 12 K13 L1 L2 L7 L8 L9 L10 L11 L12 L13 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13	Yellow B3 B4 B5 C4 C5 C6 D4 D5 D6 D7 D8 D9 D10 E 6 E7 E8 E9 E10 E11 F5 F6 F7 F8 F10 F11 F12 G5 G6 G9 G10 G11 G12 H6 H7 H8 H10 H11 H12 I6 I7 I8 I9 I10 I11 J5 J6 J7 J8 J9 J10 K4 K5 K6 L3 L4 L5	Purple A0 B0 B6 C2 C3 C7 C11 D1 D11 D12 E0 E2 E5 E12 F0 F2 F4 F13 G0 G1 H0 H2 H4 H5 H13 I0 I2 I5 I12 J1 J4 K2 K3 K7 L6 M0 M1
Green D3 E3 E4 F3 G3 G4 G13 H3 I3 I4 J3	Pink A1 D2 E1 E13 F1 G2 H1 I1 J2 J12 L0	Black F9 H9



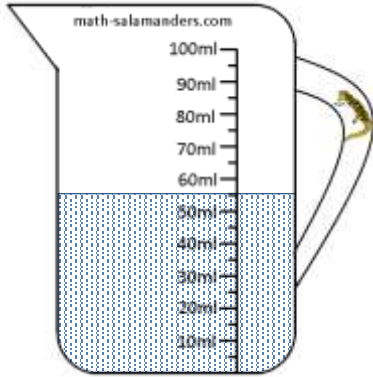
3-DIGIT SUBTRACTION SHEET 2 ANSWERS

- | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1) | $\begin{array}{r} 327 \\ - 153 \\ \hline 174 \end{array}$ | 2) | $\begin{array}{r} 416 \\ - 264 \\ \hline 152 \end{array}$ | 3) | $\begin{array}{r} 217 \\ - 33 \\ \hline 184 \end{array}$ | 4) | $\begin{array}{r} 635 \\ - 212 \\ \hline 423 \end{array}$ |
| 5) | $\begin{array}{r} 758 \\ - 194 \\ \hline 564 \end{array}$ | 6) | $\begin{array}{r} 535 \\ - 261 \\ \hline 274 \end{array}$ | 7) | $\begin{array}{r} 653 \\ - 282 \\ \hline 371 \end{array}$ | 8) | $\begin{array}{r} 477 \\ - 357 \\ \hline 120 \end{array}$ |
| 9) | $\begin{array}{r} 408 \\ - 151 \\ \hline 257 \end{array}$ | 10) | $\begin{array}{r} 936 \\ - 275 \\ \hline 661 \end{array}$ | 11) | $\begin{array}{r} 759 \\ - 186 \\ \hline 573 \end{array}$ | 12) | $\begin{array}{r} 618 \\ - 573 \\ \hline 045 \end{array}$ |
| 13) | $\begin{array}{r} 854 \\ - 671 \\ \hline 183 \end{array}$ | 14) | $\begin{array}{r} 516 \\ - 72 \\ \hline 444 \end{array}$ | 15) | $\begin{array}{r} 776 \\ - 355 \\ \hline 421 \end{array}$ | 16) | $\begin{array}{r} 908 \\ - 163 \\ \hline 745 \end{array}$ |
| 17) | $\begin{array}{r} 447 \\ - 86 \\ \hline 361 \end{array}$ | 18) | $\begin{array}{r} 649 \\ - 297 \\ \hline 352 \end{array}$ | 19) | $\begin{array}{r} 504 \\ - 271 \\ \hline 233 \end{array}$ | 20) | $\begin{array}{r} 868 \\ - 592 \\ \hline 276 \end{array}$ |

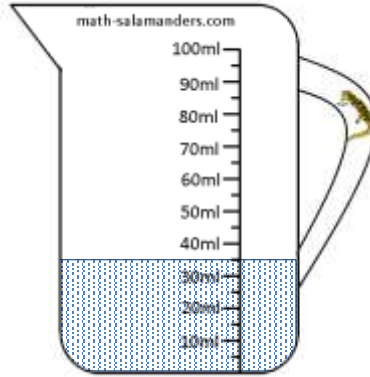


READING SCALES 2G ANSWERS

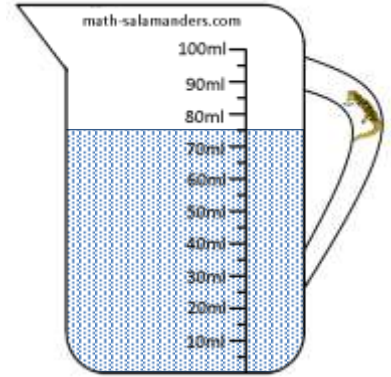
1) How many ml? 55



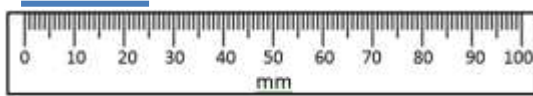
2) How many ml? 35



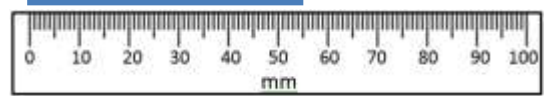
3) How many ml? 75



4) How long is the line? 25 mm



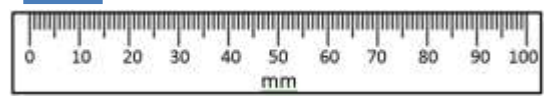
5) How long is the line? 55 mm



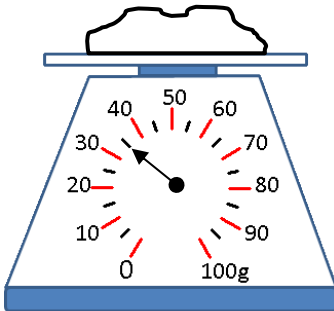
6) How long is the line? 85 mm



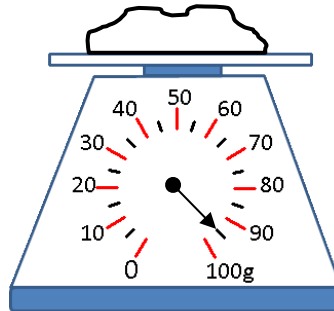
7) How long is the line? 15 mm



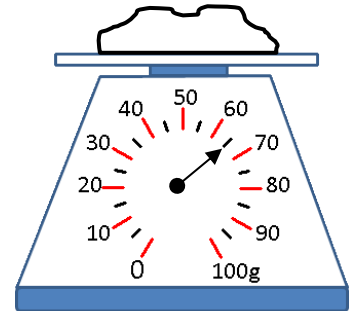
8) How many g? 35



9) How many g? 95



10) How many g? 65

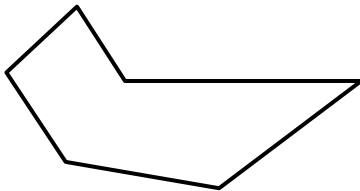


2,3,4,5 & 10 TIMES TABLES SHEET 2 ANSWERS

- | | | | |
|-----|--------------------------------|-----|----------------------------------|
| 1) | $3 \times 4 = \underline{12}$ | 21) | $2 \times 9 = \underline{18}$ |
| 2) | $2 \times 5 = \underline{10}$ | 22) | $6 \times 5 = \underline{30}$ |
| 3) | $4 \times 2 = \underline{8}$ | 23) | $4 \times 6 = \underline{24}$ |
| 4) | $5 \times 10 = \underline{50}$ | 24) | $3 \times 7 = \underline{21}$ |
| 5) | $10 \times 6 = \underline{60}$ | 25) | $10 \times 10 = \underline{100}$ |
| 6) | $4 \times 4 = \underline{16}$ | 26) | $5 \times 7 = \underline{35}$ |
| 7) | $2 \times 7 = \underline{14}$ | 27) | $8 \times 2 = \underline{16}$ |
| 8) | $8 \times 3 = \underline{24}$ | 28) | $5 \times 3 = \underline{15}$ |
| 9) | $5 \times 5 = \underline{25}$ | 29) | $8 \times 5 = \underline{40}$ |
| 10) | $10 \times 3 = \underline{30}$ | 30) | $10 \times 7 = \underline{70}$ |
| 11) | $2 \times 0 = \underline{0}$ | 31) | $3 \times 9 = \underline{27}$ |
| 12) | $4 \times 4 = \underline{16}$ | 32) | $7 \times 4 = \underline{28}$ |
| 13) | $3 \times 1 = \underline{3}$ | 33) | $0 \times 5 = \underline{0}$ |
| 14) | $2 \times 10 = \underline{20}$ | 34) | $6 \times 10 = \underline{60}$ |
| 15) | $7 \times 5 = \underline{35}$ | 35) | $8 \times 3 = \underline{24}$ |
| 16) | $6 \times 2 = \underline{12}$ | 36) | $4 \times 8 = \underline{32}$ |
| 17) | $3 \times 6 = \underline{18}$ | 37) | $9 \times 5 = \underline{45}$ |
| 18) | $7 \times 10 = \underline{70}$ | 38) | $2 \times 8 = \underline{16}$ |
| 19) | $10 \times 4 = \underline{40}$ | 39) | $4 \times 9 = \underline{36}$ |
| 20) | $3 \times 3 = \underline{9}$ | 40) | $8 \times 3 = \underline{24}$ |



MENTAL MATHS SHEET 3:A3 ANSWERS

1)	The difference between 11 and 3.	8
2)	5×7	35
3)	How many tens make 50?	5
4)	Write the number two hundred and fifty-nine.	259
5)	Which number is the smallest? 25 72 57 22 77 75	22
6)	$7 + \underline{\quad} = 27$	20
7)	What number is two less than 90?	88
8)	How many edges? 	6
9)	$50\text{cm} + 60\text{cm} = \underline{\quad}\text{m } \underline{\quad}\text{cm}$	1m 10cm
10)	Halve 24	12
11)	The time is 10:30. What was the time an hour ago?	9:30
12)	12 people are on a bus. 6 more people get on and one person gets off. How many on the bus now?	17
13)	How many days in 2 weeks?	14
14)	The month is January. Which month was it 2 months ago? September June April November December	November
15)	I spend 6 TENS and one FIVE buying some candy. How much money did I spend?	65p
16)	The temperature is 18°C . It gets 7 degrees warmer. What is the temperature now?	25°C