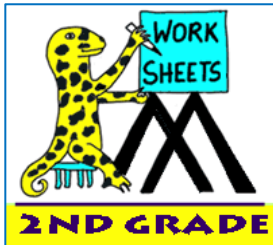


MATH SALAMANDERS

SECOND GRADE MATH GRAB PACK

SUMMER EDITION

ANSWERS



- This is the **answer pack** for our Second Grade Math Grab Pack Summer Edition.
- We have **lots more free** first grade math resources – come visit one of our sites for more!

- <https://www.math-salamanders.com/second-grade-math-worksheets.html>
- <https://www.2nd-grade-math-salamanders.com/>

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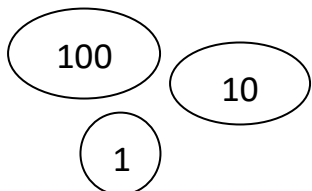
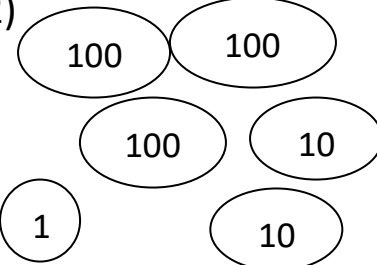
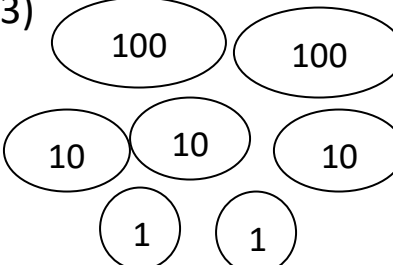
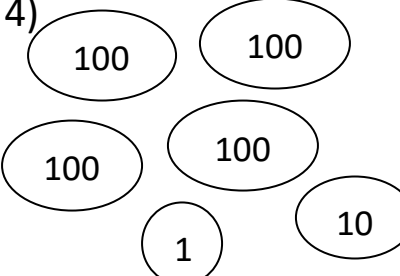
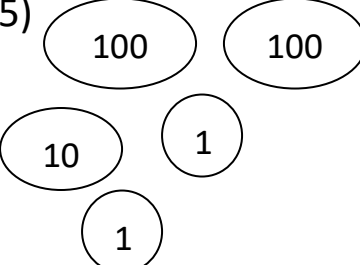
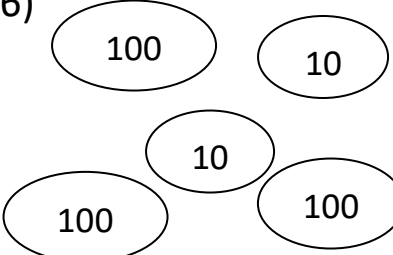
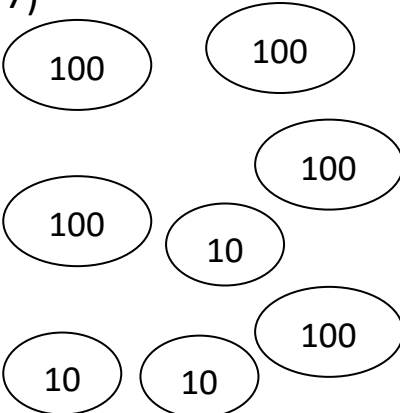
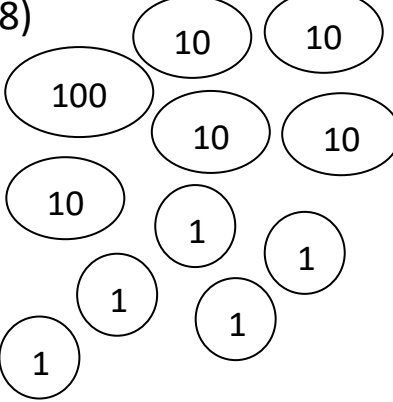
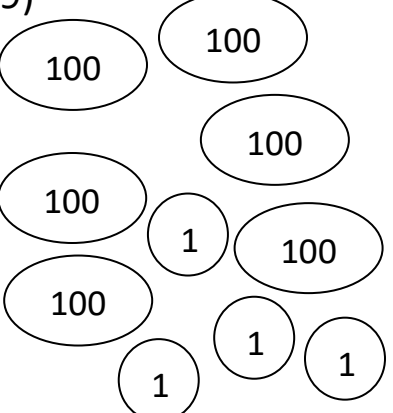
Use the link below to give us some feedback on our pack – we are always looking to improve the quality of our resources!

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



PLACE VALUE COUNTING: UP TO HUNDREDS

SHEET 1 ANSWERS

1) 	2) 	3) 
How many? <u>111</u>	How many? <u>321</u>	How many? <u>232</u>
4) 	5) 	6) 
How many? <u>411</u>	How many? <u>212</u>	How many? <u>320</u>
7) 	8) 	9) 
How many? <u>530</u>	How many? <u>155</u>	How many? <u>604</u>

COMBINING HUNDREDS, TENS AND ONES SHEET 2 ANSWERS

1) $100 + 40 + 7 = 147$

2) $300 + 20 + 9 = 329$

3) $600 + 7 = 607$

4) $200 + 70 + 5 = 275$

5) $400 + 90 + 6 = 496$

6) $100 + 80 + 5 = 185$

7) $700 + 60 + 8 = 768$

8) $600 + 50 + 1 = 651$

9) $500 + 10 + 7 = 517$

10) $300 + 50 + 8 = 358$

11) $400 + 2 + 30 = 432$

12) $600 + 7 + 20 = 627$

13) $80 + 100 + 4 = 184$

14) $30 + 200 + 1 = 231$

15) $50 + 7 + 500 = 557$

16) $80 + 1 + 200 = 281$

17) $8 + 70 + 400 = 478$

18) $9 + 30 + 600 = 639$

19) $2 + 700 + 60 = 762$

20) $900 + 24 = 924$

21) $100 + 30 + 7 = 137$

22) $300 + 40 + 5 = 345$

23) $400 + 20 + 1 = 421$

24) $100 + 60 + 8 = 168$

25) $500 + 75 = 575$

26) $400 + 23 = 423$

27) $100 + 47 = 147$

28) $300 + 41 = 341$

29) $72 + 800 = 872$

30) $40 + 300 + 9 = 349$

31) $8 + 70 + 600 = 678$

32) $60 + 1 + 300 = 361$

33) $200 + 30 + 5 = 235$

34) $7 + 20 + 200 = 227$

35) $400 + 6 + 50 = 456$

36) $200 + 72 + 100 = 372$

37) $600 + 20 + 7 = 627$

38) $500 + 10 + 2 = 512$

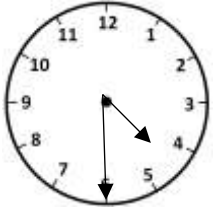


39) $6 + 30 + 600 = 636$

40) $7 + 300 + 80 = 387$

ORDERING NUMBERS TO 1000 SHEET 2 ANSWERS

A)	327	129	700	642	518
	<u>129</u> smallest	<u>327</u>	<u>518</u>	<u>642</u>	<u>700</u> largest
B)	180	627	415	370	702
	<u>180</u> smallest	<u>370</u>	<u>415</u>	<u>627</u>	<u>702</u> largest
C)	850	273	195	345	526
	<u>195</u> smallest	<u>273</u>	<u>345</u>	<u>526</u>	<u>850</u> largest
D)	721	662	807	610	540
	<u>540</u> smallest	<u>610</u>	<u>662</u>	<u>721</u>	<u>807</u> largest
E)	129	520	728	176	435
	<u>129</u> smallest	<u>176</u>	<u>435</u>	<u>520</u>	<u>728</u> largest
F)	672	521	820	594	618
	<u>521</u> smallest	<u>594</u>	<u>618</u>	<u>672</u>	<u>820</u> largest
G)	918	738	847	717	829
	<u>717</u> smallest	<u>738</u>	<u>829</u>	<u>847</u>	<u>918</u> largest

MENTAL MATH SHEET B1 ANSWERS

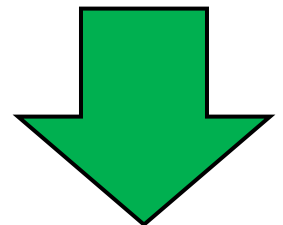
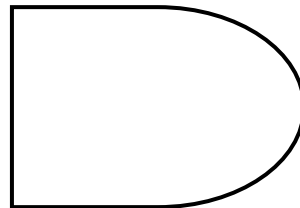
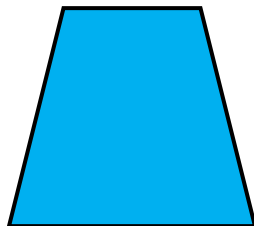
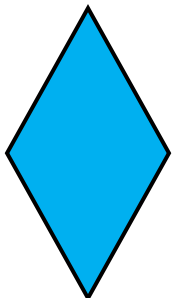
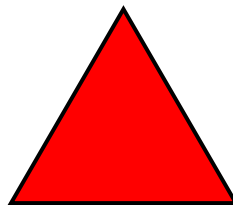
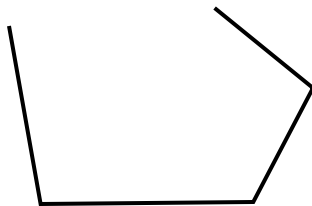
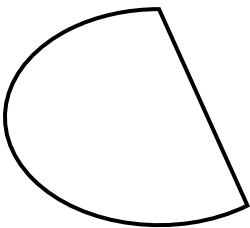
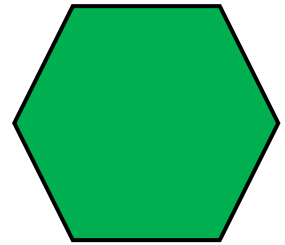
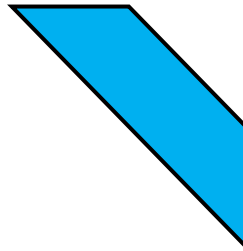
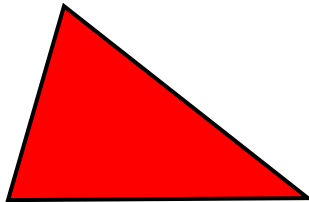
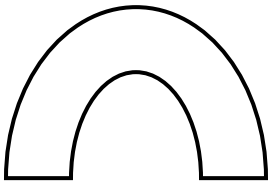
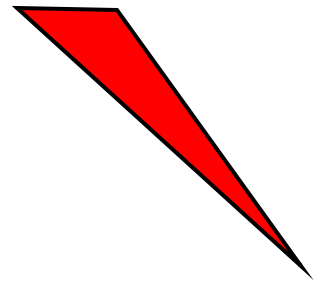
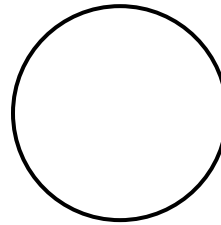
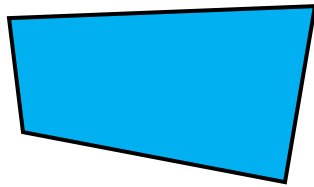
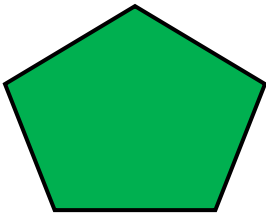
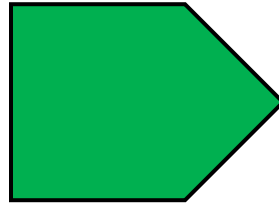
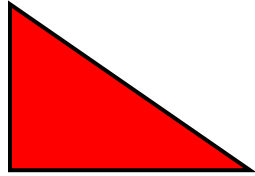
1)	$82 - 10$	72
2)	How many 3s make 12?	4
3)	What is the time? 	4:30
4)	$300 + 6$	306
5)	What fraction is shaded? 	$\frac{5}{8}$
6)	Double 6 = $10 + \underline{\quad}$	2
7)	How many ounces in a pound?	16
8)	I have \$1. I buy a piece of candy for 2 dimes. How much money do I have left?	80¢
9)	Measure this line in cm. 	approx. 9cm
10)	$178 = 100 + \underline{\quad} + 8$	70
11)	$40 \text{ minutes} + 30 \text{ minutes} = \underline{\quad} \text{ hours } \underline{\quad} \text{ minutes}$	1h 10min
12)	How many pints in half a gallon?	4
13)	A skipping rope is ... 2cm 20cm 200cm or 2000cm long	200cm
14)	What is 100 more than 360?	460
15)	Half of a number is 7. What is the number?	14
16)	7 dimes + 1 nickel	75¢

IDENTIFY 2D SHAPES SHEET 2 ANSWERS

Shade the shapes as follows:

Triangles – red	Quadrilaterals – blue	Polygons with more than 4 sides - green
-----------------	-----------------------	---

- Remember - polygons must have straight sides!



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

3-DIGIT ADDITION SHEET 3 ANSWERS

1)	$\begin{array}{r} \\ 278 \\ + 153 \\ \hline 431 \end{array}$	2)	$\begin{array}{r} 437 \\ + 248 \\ \hline 685 \end{array}$	3)	$\begin{array}{r} 179 \\ + 253 \\ \hline 432 \end{array}$	4)	$\begin{array}{r} 520 \\ + 286 \\ \hline 806 \end{array}$
5)	$\begin{array}{r} 379 \\ + 56 \\ \hline 435 \end{array}$	6)	$\begin{array}{r} 647 \\ + 206 \\ \hline 853 \end{array}$	7)	$\begin{array}{r} 716 \\ + 221 \\ \hline 937 \end{array}$	8)	$\begin{array}{r} 576 \\ + 328 \\ \hline 904 \end{array}$
9)	$\begin{array}{r} 342 \\ + 437 \\ \hline 779 \end{array}$	10)	$\begin{array}{r} 589 \\ + 45 \\ \hline 634 \end{array}$	11)	$\begin{array}{r} 289 \\ + 176 \\ \hline 465 \end{array}$	12)	$\begin{array}{r} 547 \\ + 326 \\ \hline 873 \end{array}$
13)	$\begin{array}{r} 473 \\ + 268 \\ \hline 741 \end{array}$	14)	$\begin{array}{r} 298 \\ + 337 \\ \hline 635 \end{array}$	15)	$\begin{array}{r} 708 \\ + 156 \\ \hline 864 \end{array}$	16)	$\begin{array}{r} 683 \\ + 74 \\ \hline 757 \end{array}$
17)	$\begin{array}{r} 573 \\ + 264 \\ \hline 837 \end{array}$	18)	$\begin{array}{r} 697 \\ + 218 \\ \hline 915 \end{array}$	19)	$\begin{array}{r} 449 \\ + 55 \\ \hline 504 \end{array}$	20)	$\begin{array}{r} 308 \\ + 439 \\ \hline 747 \end{array}$
21)	$\begin{array}{r} 276 \\ + 354 \\ \hline 630 \end{array}$	22)	$\begin{array}{r} 317 \\ + 652 \\ \hline 969 \end{array}$	23)	$\begin{array}{r} 575 \\ + 385 \\ \hline 960 \end{array}$	24)	$\begin{array}{r} 761 \\ + 156 \\ \hline 917 \end{array}$

COUNT THE TALLY SHEET 1 ANSWERS

Write the number shown by the tally marks.

	TALLY	NUMBER
1)		4
2)		<u>10</u>
3)		<u>9</u>
4)		<u>3</u>
5)		<u>11</u>
6)		<u>14</u>
7)		<u>8</u>
8)		<u>17</u>
9)		<u>12</u>
10)		<u>21</u>
11)		<u>16</u>
12)		<u>25</u>

MULTIPLICATION TO 5 x 5 SHEET 4 ANSWERS

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

COUNTING QUARTERS, DIMES, NICKELS AND PENNIES

SHEET 1 ANSWERS



41¢



45¢



21¢



31¢



27¢



61¢



17¢

3-DIGIT SUBTRACTION SHEET 3 ANSWERS

$$\begin{array}{r} 1) \quad 362 \\ - 148 \\ \hline 214 \end{array}$$

$$\begin{array}{r} 2) \quad 417 \\ - 253 \\ \hline 164 \end{array}$$

$$\begin{array}{r} 3) \quad 706 \\ - 322 \\ \hline 384 \end{array}$$

$$\begin{array}{r} 4) \quad 741 \\ - 128 \\ \hline 613 \end{array}$$

$$\begin{array}{r} 5) \quad 564 \\ - 134 \\ \hline 430 \end{array}$$

$$\begin{array}{r} 6) \quad 817 \\ - 452 \\ \hline 365 \end{array}$$

$$\begin{array}{r} 7) \quad 173 \\ - 67 \\ \hline 106 \end{array}$$

$$\begin{array}{r} 8) \quad 453 \\ - 327 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 9) \quad 330 \\ - 216 \\ \hline 114 \end{array}$$

$$\begin{array}{r} 10) \quad 753 \\ - 419 \\ \hline 334 \end{array}$$

$$\begin{array}{r} 11) \quad 609 \\ - 263 \\ \hline 346 \end{array}$$

$$\begin{array}{r} 12) \quad 386 \\ - 255 \\ \hline 131 \end{array}$$

$$\begin{array}{r} 13) \quad 517 \\ - 374 \\ \hline 143 \end{array}$$

$$\begin{array}{r} 14) \quad 682 \\ - 58 \\ \hline 624 \end{array}$$

$$\begin{array}{r} 15) \quad 714 \\ - 173 \\ \hline 541 \end{array}$$

$$\begin{array}{r} 16) \quad 860 \\ - 154 \\ \hline 706 \end{array}$$

$$\begin{array}{r} 17) \quad 671 \\ - 356 \\ \hline 315 \end{array}$$

$$\begin{array}{r} 18) \quad 738 \\ - 295 \\ \hline 443 \end{array}$$

$$\begin{array}{r} 19) \quad 674 \\ - 36 \\ \hline 638 \end{array}$$

$$\begin{array}{r} 20) \quad 879 \\ - 774 \\ \hline 105 \end{array}$$

CLIMB THE MOUNTAIN ANSWERS

Captain Salamander is going to climb a mountain.

There are different paths he can take to climb the mountain.

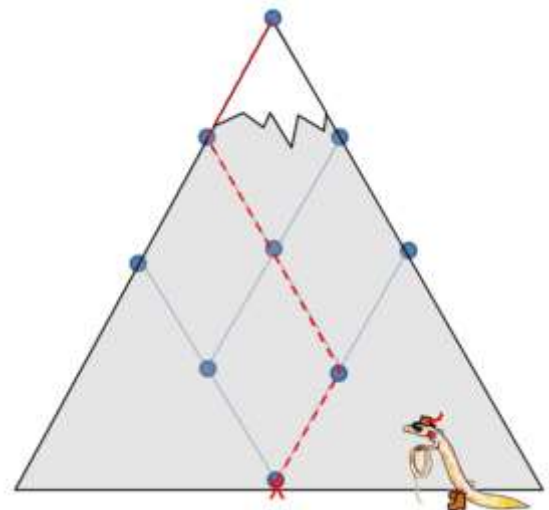
He must always start at the red cross and travel upwards following the lines and dots.

One of his routes has been marked with a red dashed line.










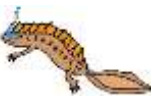


The route is: right, left, left, right.

How many different ways can he climb the mountain?

POSSIBLE ROUTES				
1)	LEFT	LEFT	RIGHT	RIGHT
2)	LEFT	RIGHT	LEFT	RIGHT
3)	LEFT	RIGHT	RIGHT	LEFT
4)	RIGHT	LEFT	LEFT	RIGHT
5)	RIGHT	LEFT	RIGHT	LEFT
6)	RIGHT	RIGHT	LEFT	LEFT

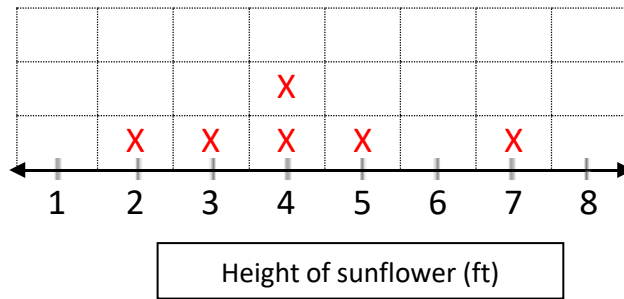
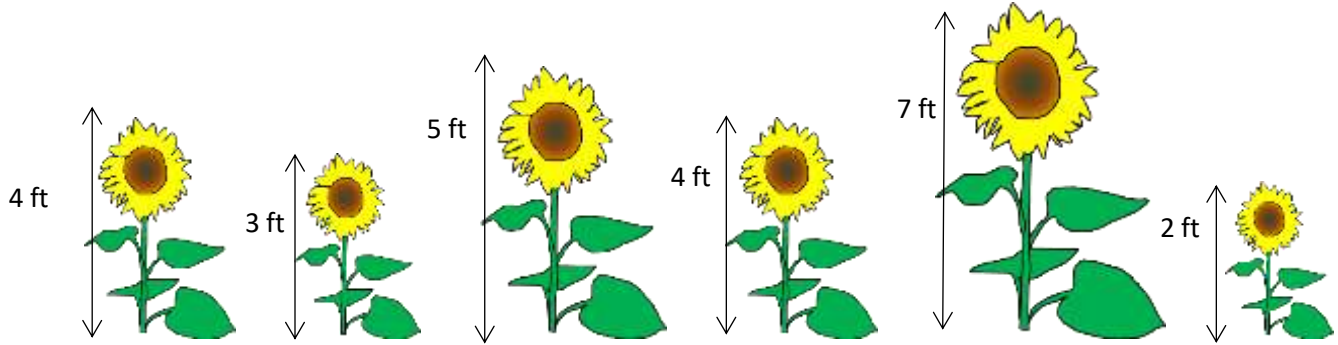


ADDITION & SUBTRACTION WITHIN 20 PROBLEMS 1 ANSWERS

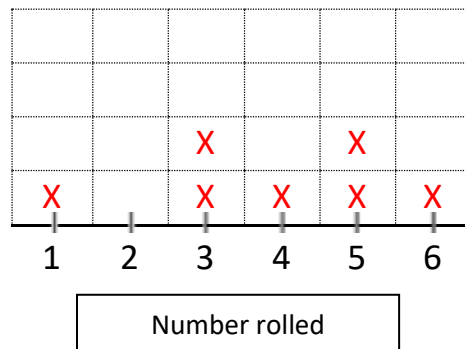
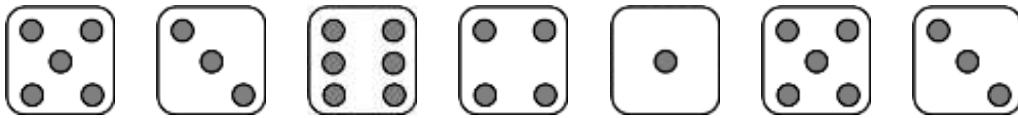
		ANSWER
1)	There are 15 pieces of pizza. 6 of them are eaten. How many are left?	 $15 - 6 = 9$ <u>9 pieces</u>
2)	There are 8 cars in a parking lot. 7 more cars park there. How many cars in total?	 $8 + 7 = 15$ <u>15 cars</u>
3)	On a fishing trip, Captain catches 13 fish. Tyger catches 5 fish. How many more fish does Captain catch?	 $13 - 5 = 8$ <u>8 fish</u>
4)	There are 12 frogs in one pond. There are 7 frogs in another pond. How many frogs in all?	 $12 + 7 = 19$ <u>19 frogs</u>
5)	Sally and Frazer are collecting wildlife badges. Sally has 9 badges. Frazer has 7 badges. How many badges altogether?	 $9 + 7 = 16$ <u>16 badges</u>
6)	There are 17 ducks on a lake. A noise scares 8 of them away. How many ducks are left?	 $17 - 8 = 9$ <u>9 ducks</u>
7)	Frazer cycles 15 miles. Tyger cycles 3 miles fewer. How far has Tyger cycled?	 $15 - 3 = 12$ <u>12 miles</u>
8)	There are 11 dolphins in a pod. 6 more dolphins join them. How many dolphins are there in total?	 $11 + 6 = 17$ <u>17 dolphins</u>
9)	There are 20 biscuits in a pack. Quadra eats 7 of them. How many biscuits are left?	 $20 - 7 = 13$ <u>13 biscuits</u>
10)	Newton swims 8 lengths on his front and then 10 lengths on his back. How many lengths has he swum in total?	 $8 + 10 = 18$ <u>18 lengths</u>
11)	Sally buys 18 raffle tickets. Quadra buys 14 raffle tickets. How many more tickets did Sally buy?	 $18 - 14 = 4$ <u>4 tickets</u>
12)	Flame buys 6 apples and 13 pears. How many pieces of fruit in total?	 $6 + 13 = 19$ <u>19 pieces</u>

CREATING LINE PLOTS SHEET 2:1 ANSWERS

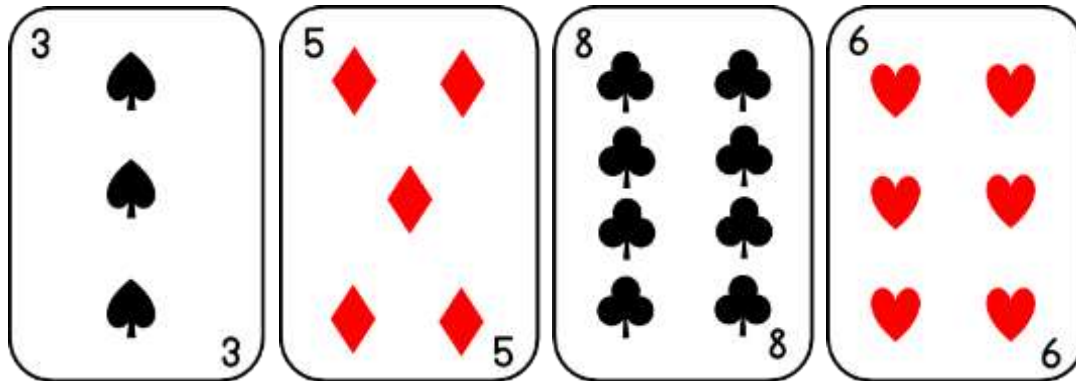
1) Create a line plot showing the height of the 6 sunflowers.



2) Create a line plot for the number rolled on the dice.



PICK THE CARDS 2 ANSWERS



- Choose from the four cards above to make the total in the table below.
- You can use two, three or all four cards each time.

TOTAL	CARDS
8	$3 + 5$
14	$6 + 5 + 3$ or $8 + 6$
13	$8 + 5$
11	$6 + 5$ or $8 + 3$
16	$8 + 5 + 3$
17	$8 + 6 + 3$
19	$8 + 6 + 5$
22	$8 + 6 + 5 + 3$