

Plattsburg Public School
Learning from Home

Week 5

2/3B Group 1

NUMERACY





FLAT TEACHER

Adventure

Hello 2/3B!

I miss all the fun we used to have together at school, so I have thought of a great idea! Even though we are apart, we can still learn and explore together. Take me with you on your adventures and be sure to take photos of our time together!

There will be a post on our Google Classroom each week so that you can post all your pictures of us exploring together! Use the ideas on the right or plan other exciting explorations for us!

Google Classroom: Log in with your student email and password. Student email is your dot.name@education.nsw.gov.au

Please take good care of me! I would hate to get lost or get chewed on by a pet, or a baby brother or sister for that matter! Please keep me in a safe spot when I need to rest!

Love,
Miss Bec and Miss Jasmine.

P.S. Bring me to your Zoom Meetings!

Let's read a book together! You know how much I LOVE to listen to you read!	Going on a walk would be amazing!	Hmmm... when's the last time you've helped around the house? Let's do some chores together!	I need to work out and keep up my fitness! Let's get strong together!
Can we just have some chill time with your family? Let's just hang out!	Let's just go play outside! I mean, there is soooo much we can do in the sunshine!	You know, I'm not that fab at drawing. Can you teach me to draw some pictures?	It's been a while since I've played a board game or a card game! Let's play!
Can you build me an obstacle course or draw me a hopscotch game?	You know how much I love Random Acts of Kindness! Let's see yours!	Let's do your schoolwork together!	Choose your own Adventure! Surprise me in a good way!

Monday



Minute 28



Name: Date:

1. Count by 2s. Write the missing even number. 64,, 68, 70, 72

2. How many coins in all?

..... coins



3. $80 + 10 = \dots\dots\dots$

4. $17 - 8 = \dots\dots\dots$

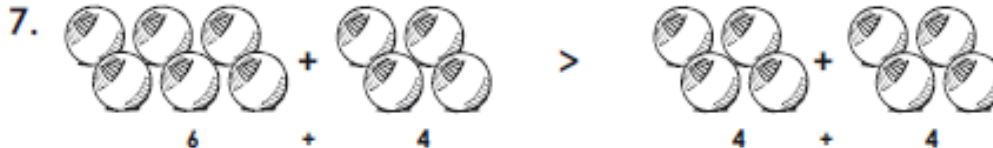
5. Write the time shown on the clock.

Quarter past or 15



6. Tyler has 5 robots. He gets 4 more robots for his birthday.

How many robots does Tyler have altogether? robots



Circle: True or False

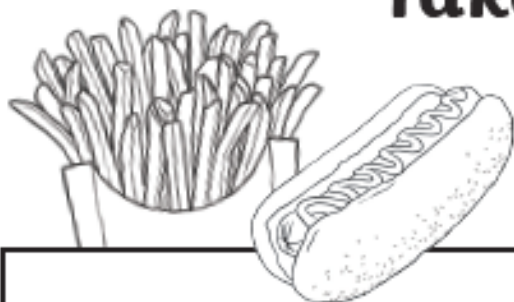
For Questions 8 and 9, write the time shown on the clock.

8. Half past or30

9. Half past or30

10. Complete the fact family. $7 + 5 = 12$ $12 - \dots\dots\dots = 7$
 $5 + 7 = 12$ $12 - 7 = 5$

Takeaway Time!



Menu

Hamburger	\$5.00	Slice of cake	\$2.80
Hot Dog	\$4.50	Potato chips	\$1.60
Hot Chips	\$3.00	Bag of lollies	\$2.50
Crumbed fish	\$4.00	Milkshake	\$3.90
Pineapple fritter	\$1.20	Soft Drink	\$1.00
Pizza	\$6.00	Coffee	\$2.00

1. Frank ordered 2 hot dogs and a pizza. How much change did he get from \$20.00?

2. Sarah bought a pineapple fritter, a soft drink and slice of cake. How much did it cost?

3. Timothy bought a hamburger, hot chips and a milkshake. How much did it cost?

4. Genevieve ordered a coffee, 2 slices of cake and some crumbed fish.

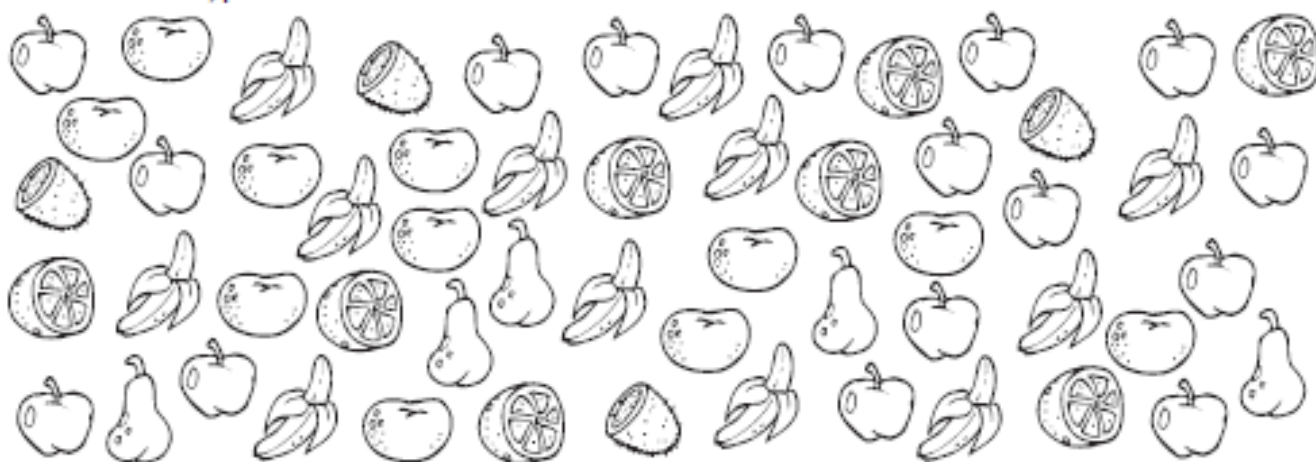
How much change did she get from \$30.00?

5. Aaron bought one of everything on the menu! How much did it cost him?

SUMMARISING DATA



1. Look at the pictures below of fruit bought yesterday at the school canteen. Colour each type of fruit the same colour.



2. Represent the above information on the survey chart below using tally marks.

Fruit	Tally	Total

3. Answer these questions.

(a) How many students bought apples? _____

(b) How many students
bought pears? _____

(c) How many students
bought oranges? _____

(d) Twelve students bought a
_____.

(e) Four students bought a
_____.

(f) How many more students bought mandarins than oranges? _____



Optional - Challenge Activity

Emoji Multiplication Mosaic

Multiplication 2x and 10x tables.

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

4, 8, 12, 18, 80, 90, 100 = **yellow**

22, 30, 40, 50, 110 = **black**

14, 16, 24, 120 = **purple**

6, 10, 20, 60 or 70 = **blue**

7×2	2×8	12×2	10×10	2×2	4×2	10×8	12×10	7×2	8×2
2×12	2×9	8×10	2×6	10×9	9×2	2×2	10×10	2×4	12×10
10×9	10×10	10×8	4×2	2×9	2×2	2×4	9×10	9×2	10×8
9×10	11×2	4×10	10×3	9×10	2×4	5×10	10×11	10×4	8×10
2×4	2×3	2×5	2×2	4×2	9×2	10×8	1×10	2×10	10×8
9×2	10×6	7×10	10×8	10×8	2×4	2×2	3×2	5×2	2×4
2×2	10×1	2×10	10×10	10×5	2×11	9×10	10×7	2×3	2×2
10×8	6×10	10×7	9×10	3×10	4×10	10×8	2×5	1×10	2×4
12×10	2×4	2×2	9×2	9×10	2×4	9×2	9×10	10×10	2×7
7×2	2×8	12×10	9×2	10×8	10×10	9×2	12×10	2×12	8×2

Tuesday



Minute 29



Name: Date:

1. Write the time shown on the clock.

Quarter past or 15



2. Write the number **thirty-three**.

For Questions 3 and 4, circle the digit in the tens place.

3. 68

4. 86

5. How many months are in 1 year? months

6. $16 + 2 =$

For Questions 7 and 8, use greater than (>) or less than (<).

7.



8.



9. $14 - 6 =$

10. Write the missing number.

....., 60, 70, 80, 90

Clues

1. I have an 8 in the hundreds column.
2. If you skip count by 3s from 862 you will say me.
3. The numbers in the hundreds and tens columns are the same.
4. I am an odd number between 880 and 890.
5. I have a 3 in the ones column.

The secret number is

1. I am an even number.
2. I am more than 900 and less than 940.
3. If you skip count backwards by 5 from 940 you will say me.
4. I have a 0 in my number somewhere.
5. If you subtract 5 from 910 you will find me.

The secret number is

1. I am a number with a 0 in the ones column.
2. I am more than 880 and less than 940.
3. If you added three to my number I would have a 3 in the ones column.
4. I have an 8 in the hundreds column and a 9 in the tens column.

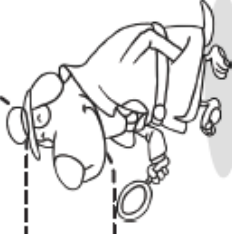
The secret number is

1. I am an odd number between 900 and 950.
2. If you skip count by 5s from 900 you will say me.
3. The difference between my ones and tens columns is 2.
4. I am more than 930 and less than 940.

The secret number is

Guess My Number Puzzle

3-digit Numbers



Can you follow the clues and discover the secret numbers on the hundreds chart?

851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950

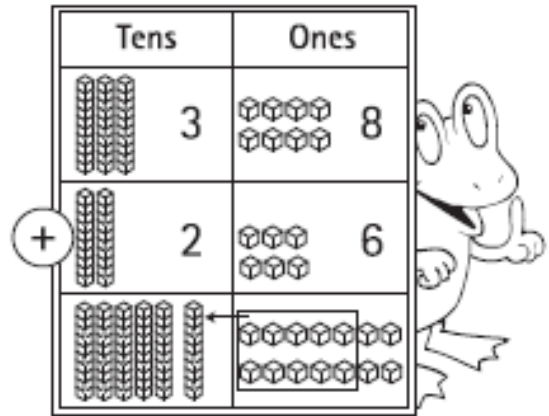
ADDING WITH TRADING



When two numbers add up to more than 10, we need to trade the 10 ones for 1 ten and write it in the tens column. Look at the example.



$8 + 6 = 14$, so the 10 from the number 14 is traded into the tens column and added with the tens.



1. Add these two digits numbers and remember to trade.

(a)

Tens	Ones
2	7
1	4

(b)

Tens	Ones
1	9
1	6

(c)

Tens	Ones
2	5
1	8

(d)

Tens	Ones
3	6
2	4

(e)

Tens	Ones
3	9
2	6

(f)

Tens	Ones
5	3
3	8

(g)

Tens	Ones
4	8
1	6

(h)

Tens	Ones
6	7
1	4

(i)

Tens	Ones
5	7
3	6

(j)

Tens	Ones
3	4
2	9

(k)

Tens	Ones
4	9
4	2

(l)

Tens	Ones
7	5
1	5



On the back of this sheet, set these addition sums out vertically and solve them.

(a) $35 + 28$

(b) $56 + 17$

(c) $46 + 39$

(d) $67 + 23$

Optional – Challenge Questions

5

Year 2 Place Value Riddle

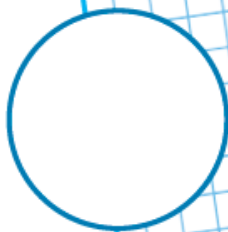


The number has three digits.

The hundreds digit is double the tens digit.

The ones digit is 3 more than the hundreds digit.

The tens digit is 1 more than 0.



6

Year 2 Place Value Riddle

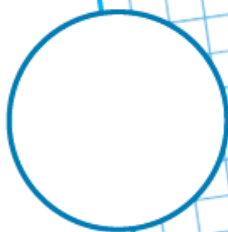


The number has three digits.

The ones digit is 4 less than the tens digit.

The tens digit is the largest possible digit.

The hundreds digit is $25 - 16$.



7

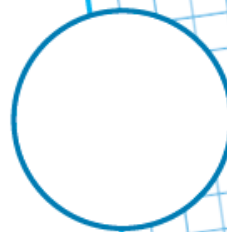
Year 2 Place Value Riddle



The number has four digits.

The hundreds, tens and ones all have the same number and it is less than the thousands digit.

The thousands digit is 1 more than 0.



8

Year 2 Place Value Riddle

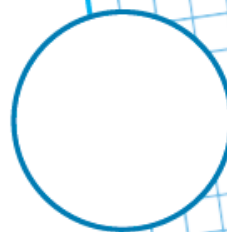


The number has three digits.

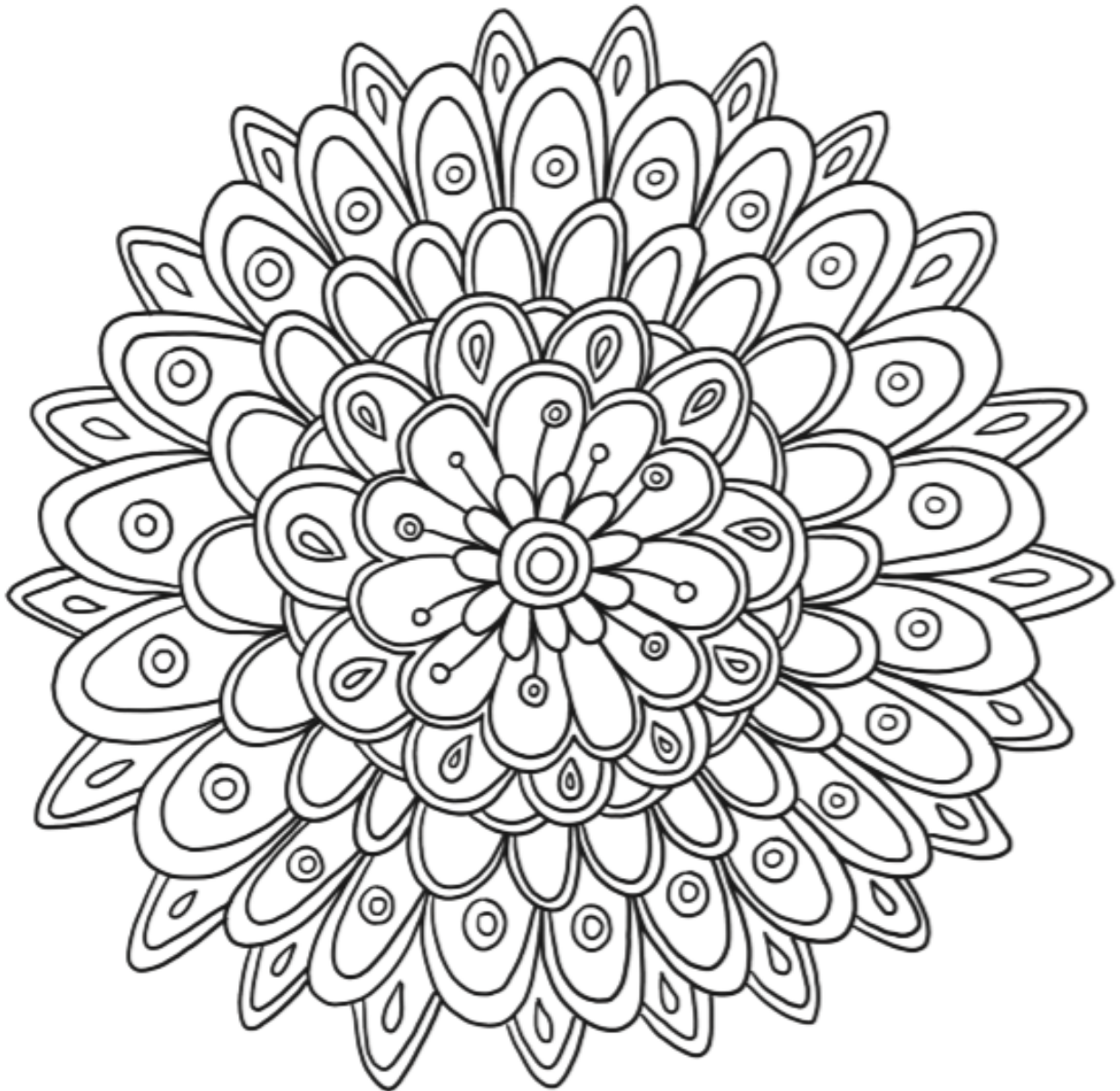
The ones digit is double 4.

The hundreds digit is an even number bigger than 5 but smaller than 7.

The tens digit is half the ones digit.



Wednesday



Minute 30



Name: Date:

May December February January

1. Circle the name of the first month of the year.
2. $20 - 8 = \dots\dots\dots$
3. Tabby has 8 kittens. Bootsie has 5 kittens. How many more kittens does Tabby have than Bootsie? kittens
4. Write the time shown on the clock.

.....:15



For Questions 5 and 6, write the words in order.

5. second first third
6. fifth sixth fourth

For Questions 7 and 8, circle the greater number.

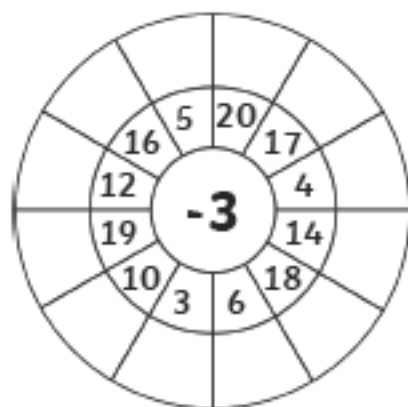
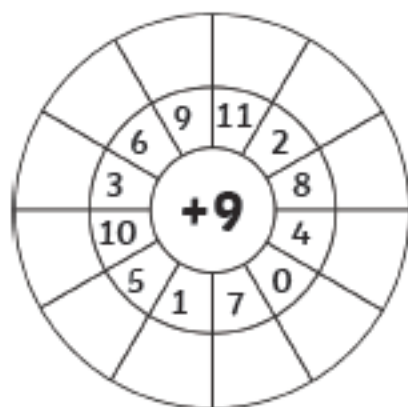
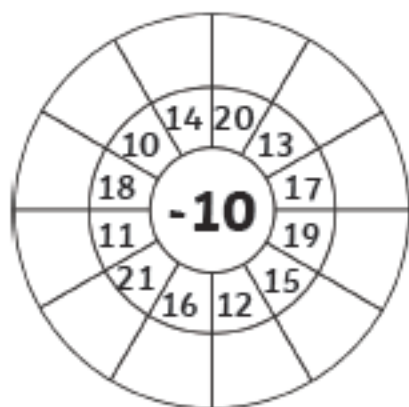
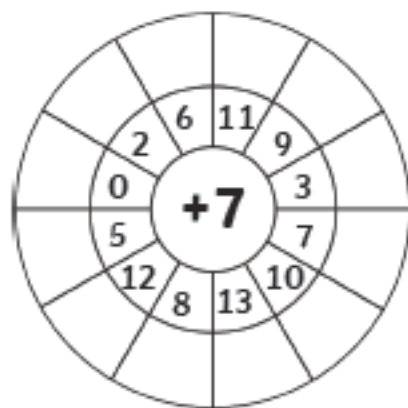
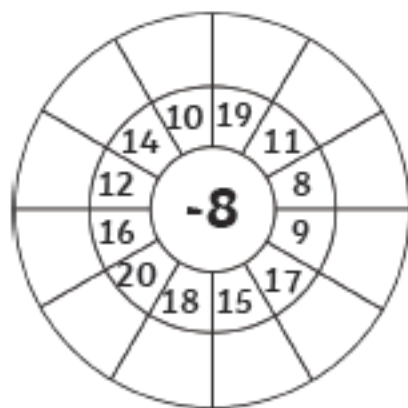
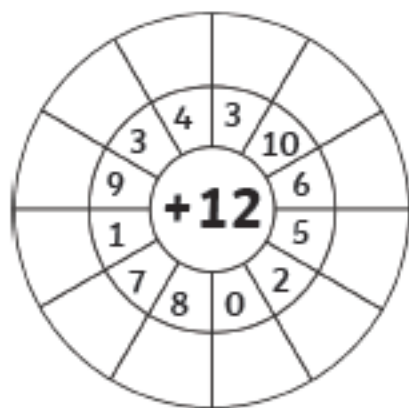
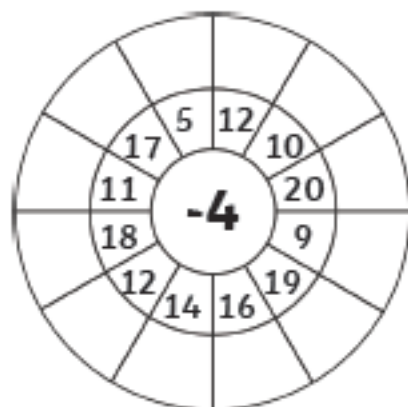
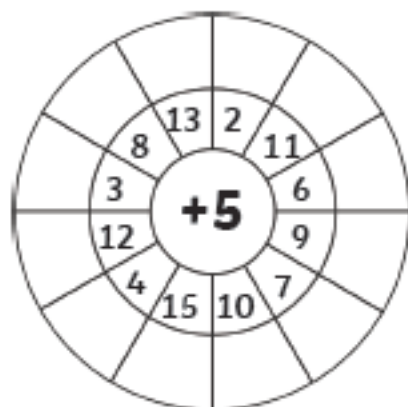
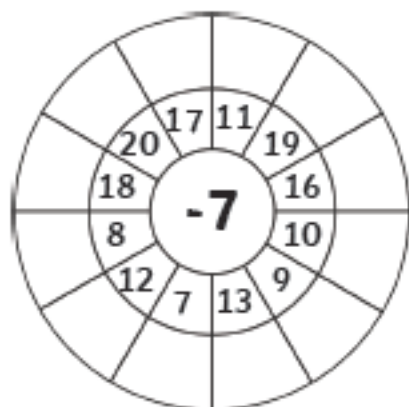
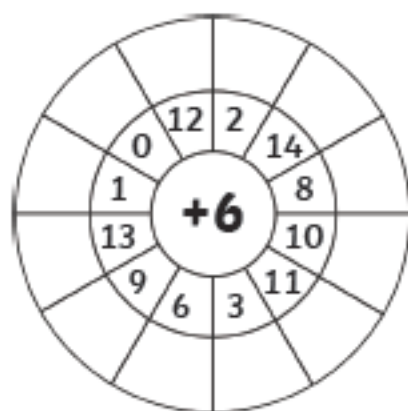
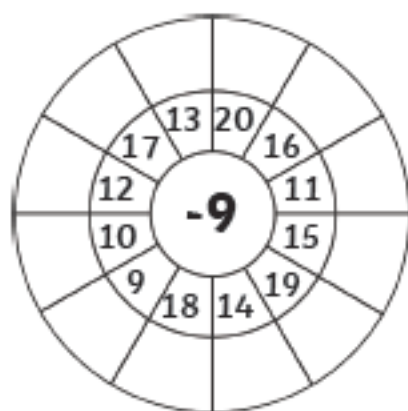
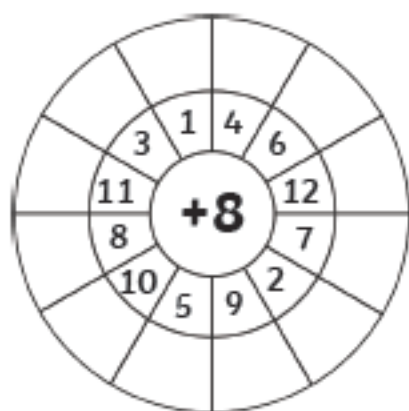
7. 89 98
8. 33 13
9. Write the number **eighty-five**.

10. Circle the rectangle.



Addition and Subtraction Wheels

Add or subtract the numbers to the middle number.



SKIP COUNTING



1. Count by 2s to 100 and colour the numbers in blue. Count by 4s to 100 and circle the numbers. Count by 5s to 100 and X the numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. Fill in the missing numbers. You may like to use the number chart to help you.

(a) 2, 4, _____, _____, 10, _____, 14, 16, _____, _____, 22, _____, 26, _____, 30, _____, 34,
_____, 38, 40, _____, 44, _____, 48, _____, 52, 54, _____, 58, 60, _____, 64, _____, 68,
_____, 72, 74, _____, _____, 80, _____, 84, 86, _____, _____, 92, _____, 96, _____, 100.

(b) 4, 8, _____, 16, _____, 24, 28, _____, 36, _____, _____, 48, _____,
56, 60, _____, 68, 72, _____, 80, _____, 88, _____, _____, 100.

(c) 5, 10, _____, 20, _____, 30, 35, _____, 45, _____, _____,
60, _____, 70, _____, 80, _____, _____, 95, _____.



Optional – Challenge Questions

Addition and Subtraction Word Problem Challenge Cards

12. If you have £875 and you buy a TV that costs £670, how much money would you have left?



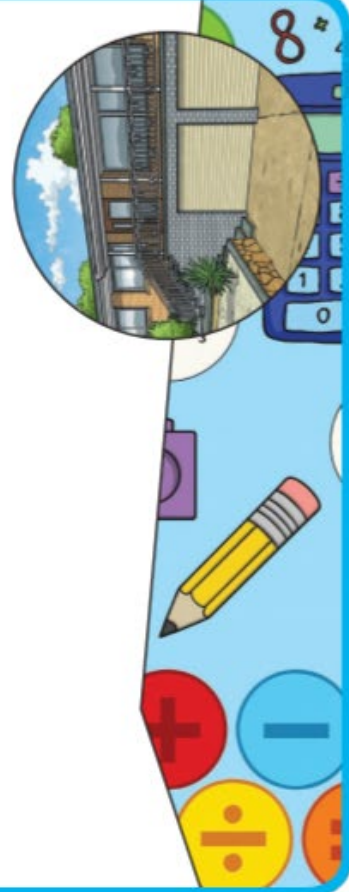
Addition and Subtraction Word Problem Challenge Cards

13. At St Thomas' school, there are 468 boys and 427 girls. How many children are there at the school altogether?



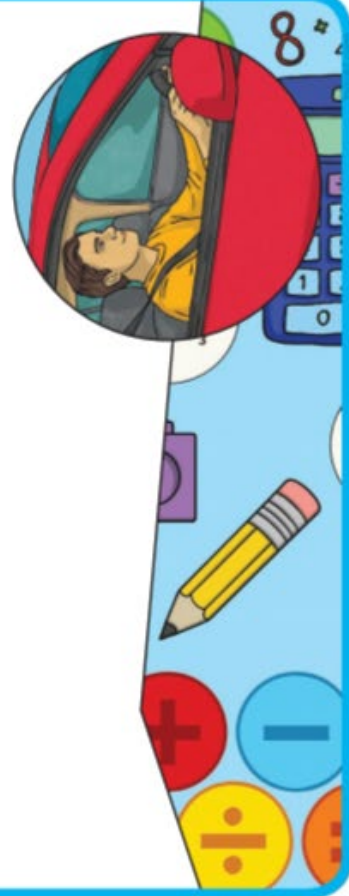
Addition and Subtraction Word Problem Challenge Cards

14. If 500 new houses are built and 145 of them are bungalows, how many of them would not be bungalows?



Addition and Subtraction Word Problem Challenge Cards

15. If you drove 226 miles on Monday and 177 miles on Tuesday, how many miles would you have driven in total?



Minute 31

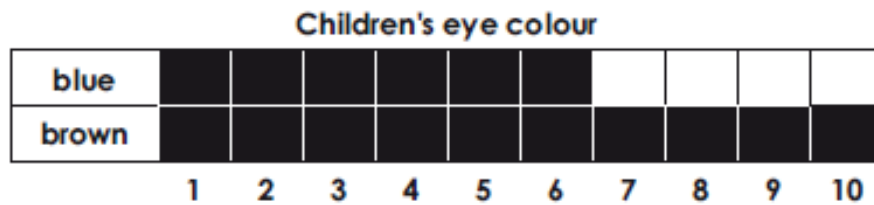


Name: Date:

1. Draw the hour and minute hands to show 3.15.



Use the bar graph to complete Questions 2 and 3.



2. How many children have brown eyes? children
3. Do more children have blue eyes or brown eyes? eyes
4. $11 + 8 =$
5. Keesha has 15 books. She has read 11 of the books. How many books hasn't she read? books



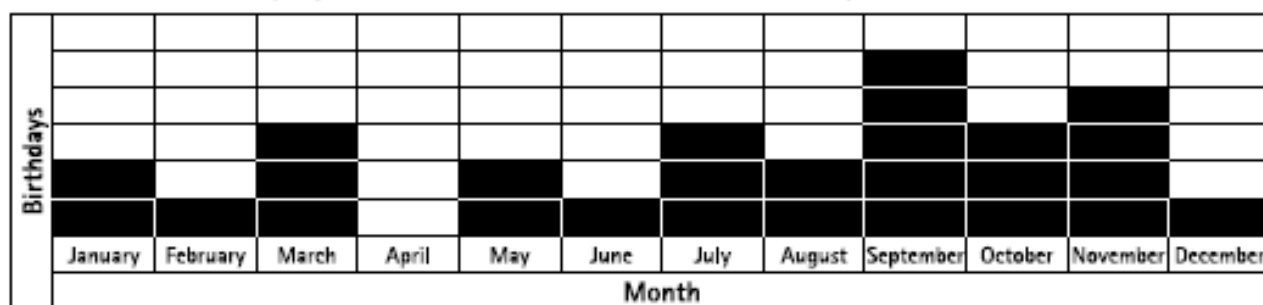
6. How much money altogether? \$.....
7. $6 + 6 + 6 =$
8. Circle the number that is **less**. 45 52
9. Write the next odd number. 3, 5, 7, 9,
10. Write the months in the correct order.

April June May

INTERPRETING BLOCK AND BAR GRAPHS



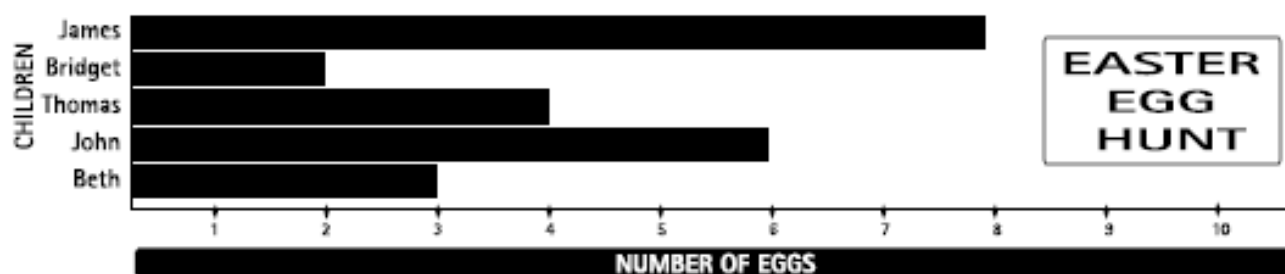
1. Look at the block graph of 2S's birthdays and answer the questions below.



- Which month has the most birthdays? _____
- Which month has no birthdays? _____
- Which month has four birthdays? _____
- Which months have only one birthday? _____
- How many more birthdays are in March than June? _____



2. Look at the bar graph of the Easter egg hunt and answer the questions below.



- What is the bar graph showing? _____

- Who found the most eggs _____ and the least eggs? _____
- Who found three eggs _____ and four eggs? _____
- How many eggs did John find? _____



On the back of the sheet, write three things you would need to do if you were to survey the class about the most popular juice flavour.

ADDING WITH THREE DIGITS



1. Add these 3-digit numbers. Remember to start in the ones column.

(a)

	Hundreds	Tens	Ones
+	1	0	3
	1	4	2

(b)

	Hundreds	Tens	Ones
+	1	4	6
	1	2	2

(c)

	Hundreds	Tens	Ones
+	2	5	2
	1	2	4

(d)

	Hundreds	Tens	Ones
+	2	0	6
	1	9	2

(e)

	Hundreds	Tens	Ones
+	3	1	9
	2	6	0

(f)

	Hundreds	Tens	Ones
+	2	5	3
	3	4	6

(g)

	Hundreds	Tens	Ones
+	4	4	1
	1	3	7

(h)

	Hundreds	Tens	Ones
+	3	6	7
	2	3	1

(i)

	Hundreds	Tens	Ones
+	\$5	5	7
	\$3	0	2

(j)

	Hundreds	Tens	Ones
+	\$4	3	5
	\$2	6	4

(k)

	Hundreds	Tens	Ones
+	\$6	4	9
	\$2	2	0

(l)

	Hundreds	Tens	Ones
+	\$5	7	2
	\$3	2	6

2. Add these 3-digit numbers. This time you may need to trade 10 ones for 1 ten or 10 tens for 1 hundred.

e.g.

$$\begin{array}{r} 348 \\ + 270 \\ \hline 618 \end{array}$$

(a)

$$\begin{array}{r} 249 \\ + 135 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 152 \\ + 175 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 360 \\ + 180 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} \$2.39 \\ + \$2.26 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} \$4.35 \\ + \$3.48 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} \$6.71 \\ + \$1.68 \\ \hline \end{array}$$

(g)

$$\begin{array}{r} \$5.09 \\ + \$3.79 \\ \hline \end{array}$$



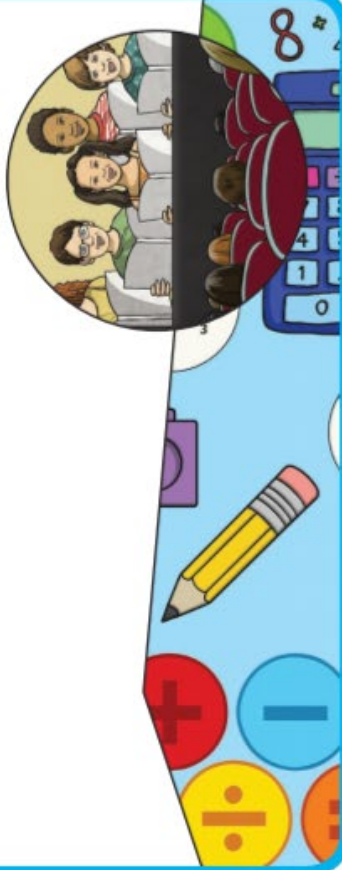
On the back of this sheet, set these sums out vertically and solve them. Remember, you may need to trade.

(a) $257 + 118$ (b) $506 + 217$ (c) $\$4.94 + \2.65 (d) $\$3.97 + \2.05

Optional – Challenge Questions

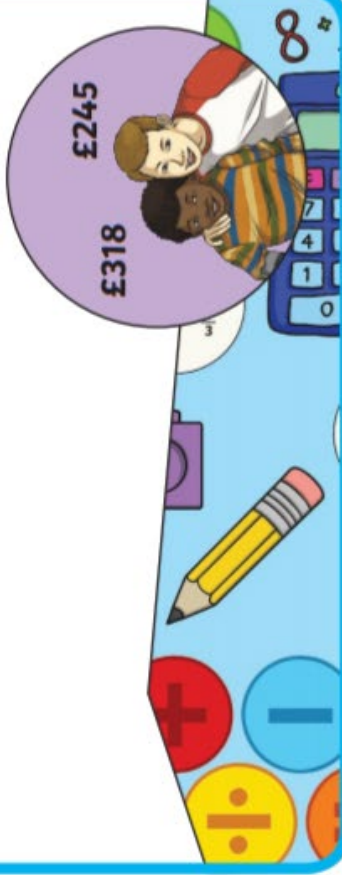
Addition and Subtraction Word Problem Challenge Cards

8. If a cinema has 328 seats and 276 people buy tickets to see a film, how many seats would be available?



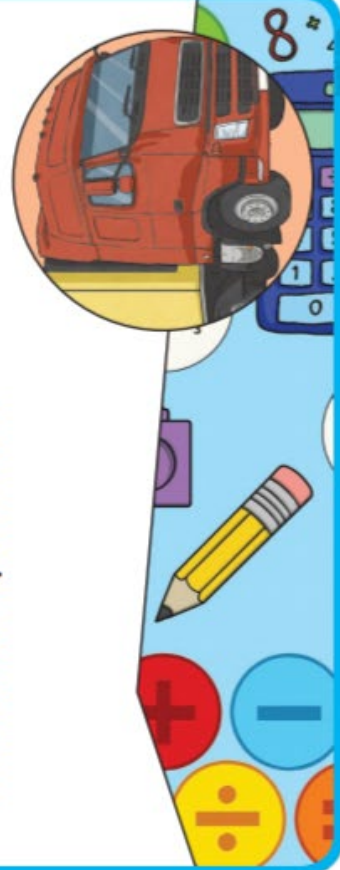
Addition and Subtraction Word Problem Challenge Cards

9. If Sam saves £245 and Zain saves £318, how much would they have altogether?



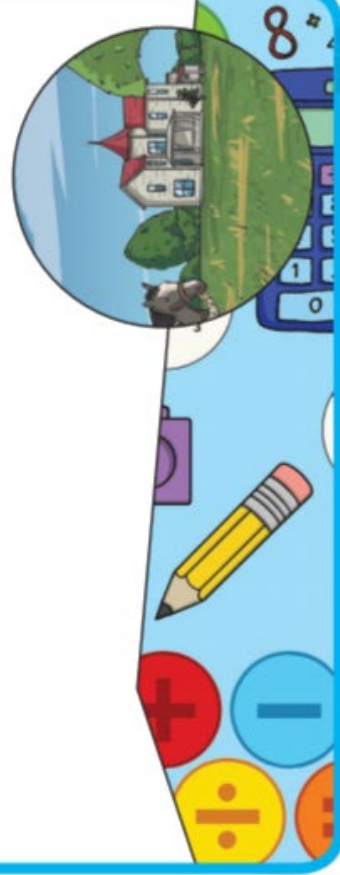
Addition and Subtraction Word Problem Challenge Cards

10. If a factory makes 455 packs of sausages for two supermarkets and sends 246 to one supermarket, how many packs will be sent to the second supermarket?

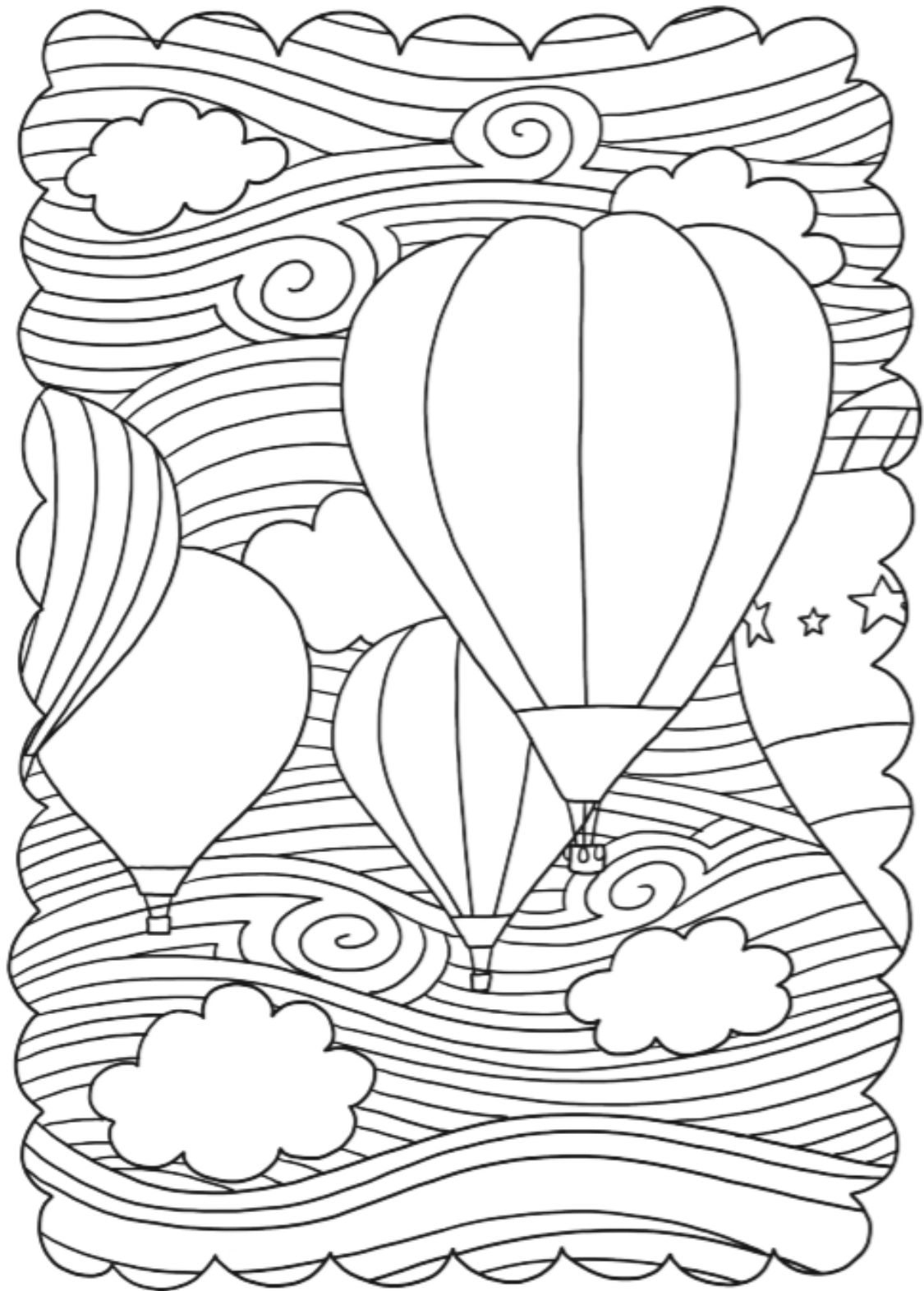


Addition and Subtraction Word Problem Challenge Cards

11. If 324 people visit a farm on Saturday and 239 visit on Sunday, how many people in total will have visited the farm over that weekend?



Friday



Minute 32



Name: Date:

1. $13 + 6 = \dots\dots\dots$

2. Circle the number that is less. 78 88

For Questions 3 and 4, circle the digit in the ones place.

3. 68

4. 23

5. Circle the correct time.



3.00

3.15

3.30

6. A rectangle has 4 sides. Circle : True or False

7. $15 + 20 = \dots\dots\dots$

8. Alfredo has 15 computer games. He bought 5 more games.

How many games does he have altogether? games

9. $50 - 10 = \dots\dots\dots$

10. What is the last month of the year?

NUMBERS AND WORDS



1. Write the numbers for these words.

- (a) thirty-seven _____ (b) one hundred and four _____
(c) three hundred and twenty-nine _____ (d) six hundred and fourteen _____
(e) nine hundred and eighty-five _____
(f) three thousand, two hundred and forty-six _____
(g) five thousand, four hundred and ninety-one _____
(h) eight thousand, seven hundred and sixty-two _____



2. Write the words for these numbers.

- (a) 63 _____ (b) 109 _____
(c) 495 _____ (d) 617 _____
_____ _____
(e) 1230 _____ (f) 4781 _____
_____ _____
(g) 6029 _____ (h) 8412 _____
_____ _____

3. Draw lines to match the words with the numbers.

- (a) three hundred and fifty-six • • 8153
(b) two thousand, four hundred and eleven • • 356
(c) nine hundred and one • • 2411
(d) eight thousand, one hundred and fifty-three • • 901



On the back of this sheet, see how many little words you can make by rearranging the letters in the word 'THOUSAND'.



BAR GRAPHS

1. Look at the bar graph showing the number of animals on Mrs Lamb's farm and answer the questions.

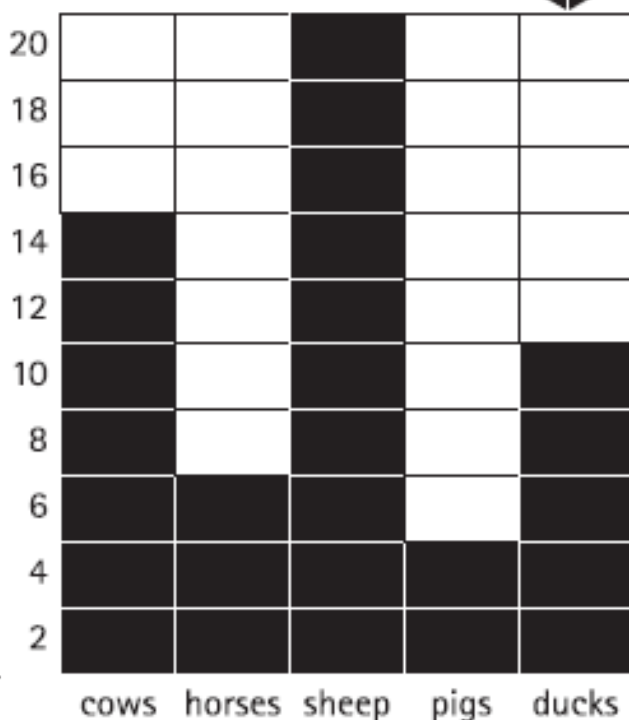
(a) How many cows are there? _____

(b) How many horses does she have? _____

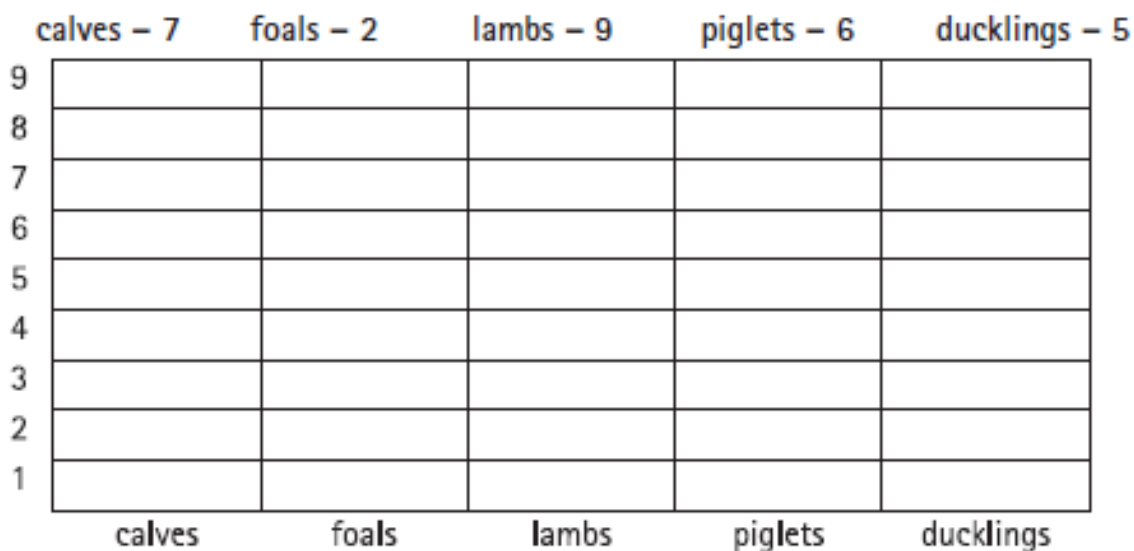
(c) Which animal does she have the most of? _____

(d) Which animal does she have the least of? _____

(e) How many more ducks are there than horses? _____



2. Record the number of baby animals there are on the farm by colouring the bars on the bar graph. Use a different colour for each type of animal.



(a) Which baby animal is there the most of? _____

(b) Which baby animal is there the least of? _____

(c) How many baby animals are there altogether? _____



Record, in the form of a bar graph, pets students in your class have.

Optional – Challenge Questions

MULTIPLYING BY TWO



1. Count and colour by 2s on the hundreds chart.

(a) The numbers coloured are also called

_____ numbers.

(b) The 5th number coloured is _____.

(c) The 10th number coloured is _____



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. Complete the number sentences.

(a) $2 \times \underline{\quad} = \underline{\quad}$	(b) $2 \times \underline{\quad} = \underline{\quad}$	(c) $2 \times \underline{\quad} = \underline{\quad}$	(d) $2 \times \underline{\quad} = \underline{\quad}$
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3. Fill in the 2 times tables below.

(a) $1 \times 2 = \underline{\quad}$ (d) $4 \times 2 = \underline{\quad}$ (g) $7 \times 2 = \underline{\quad}$ (j) $10 \times 2 = \underline{\quad}$

(b) $2 \times 2 = \underline{\quad}$ (e) $5 \times 2 = \underline{\quad}$ (h) $8 \times 2 = \underline{\quad}$ (k) $11 \times 2 = \underline{\quad}$

(c) $3 \times 2 = \underline{\quad}$ (f) $6 \times 2 = \underline{\quad}$ (i) $9 \times 2 = \underline{\quad}$ (l) $12 \times 2 = \underline{\quad}$

4. Complete answers for these number sentences using the 2 times table.

(a) $2 \times 1 = \underline{\quad}$ (e) $2 \times \underline{\quad} = \underline{\quad}$ (i) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(b) $2 \times 2 = \underline{\quad}$ (f) $2 \times \underline{\quad} = \underline{\quad}$ (j) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(c) $2 \times 3 = \underline{\quad}$ (g) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ (k) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

(d) $2 \times \underline{\quad} = \underline{\quad}$ (h) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ (l) $\underline{\quad} \times \underline{\quad} = \underline{\quad}$



What constant pattern can you see appearing in the answers of the 2 times tables? _____