Tate and Louvre Resource Pack

Dear Parents/Carers

Please find within this pack a range of activities that can be completed with your children.

This Iffley Academy has a wide range of abilities and learning styles, so feel free to select the activities that are best suited.

Best Wishes,

Russell Chinery

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Louvre Gallery Lead
Learning Manager for Achievement and Improvement through Assessment

Foods Webs

Use the images of the animals alongside the statements, to create a food web.

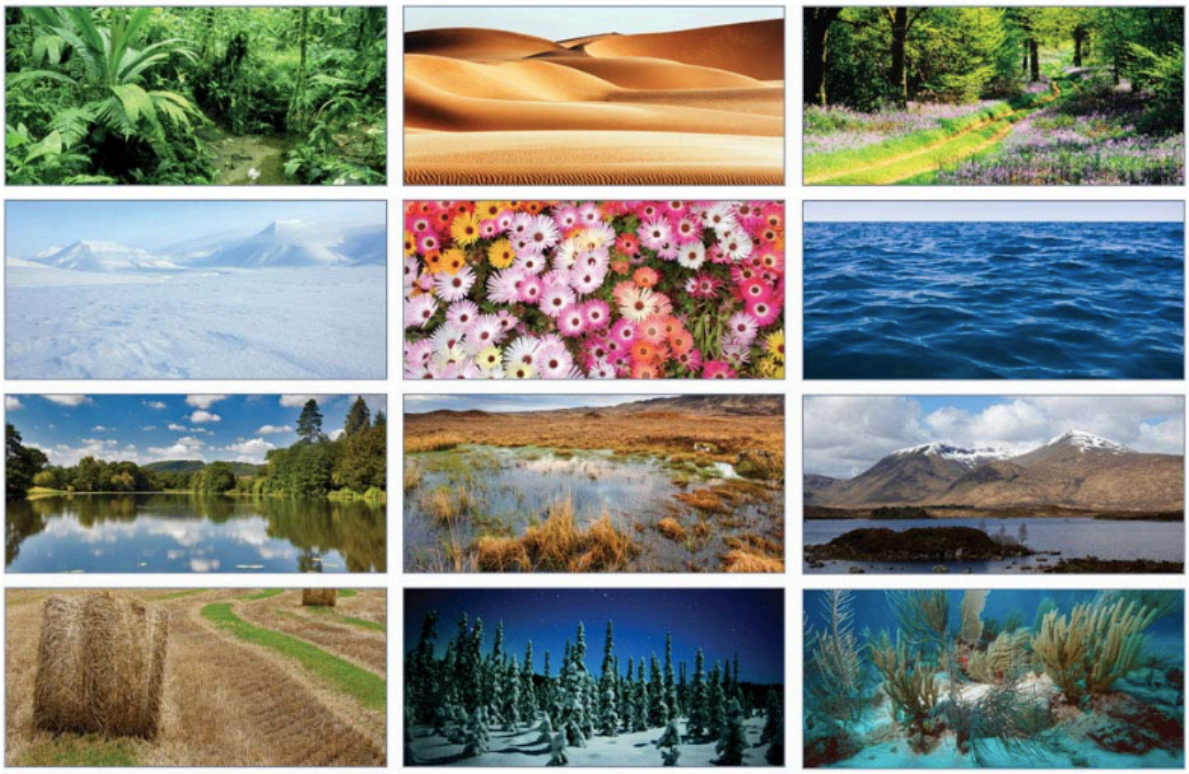





Fox eats rabbit, chicken and thrush
Rabbit eats grass
Grass produces food by photosynthesis
Thrush eats snails
Snails eat grass
Chicken eats grass and snails

Habitats

Think about the different animals that live in each of the habitats. How are they well suited to their environment? How have they adapted to survive to changes in their environment?



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Animal Classification

Task: Sort the animals into the below categories

Extension Research

What is special about the skeleton of birds?

_____

_____

Choose one animal. Can you identify the step that comes before and after this animal on the food chain?

_____

_____

Carnivore		Omnivore		Herbivore	
Endo	Exo	Endo	Exo	Endo	Exo

In order to survive

Link the images and the description to the right animals.

Extension task: Choose one animals and identify how they have adapted to their environment. You may want to research this on the internet.






Huddles together with other birds to keep warn Its wings now look more like flippers to help it swim.

It is a fast running bird. It can outrun predators and kick to protect itself

When threatened, it drinks lots of water to protect itself

This cat can run up to 70mph to catch prey. Its fur helps it hide in grassy plains

Its long neck means that it has to compete less for food

This animals has large paws that are slightly webbed to help it swim

It's tiny wings help it hover in mid air, whilst it's beak is perfectly shaped for drinking nectar

English and Media.

Oh no! We have not finished our Class Magazine!
Not to worry, we can do something about this now, in the comfort of your own homes!
You are going to write some articles for our Class Magazine!
Chose from the list that is on the Contents page. Try to write at least 2 articles from the list on the contents page.
Challenge yourselves, who can write at least 4!

To Help and support you:
There is a checklist for what to include.
Use prompt record sheets from the attached prompt sheets.
There are some 5W story sheets filled in that you can make into magazine stories.

Some other ideas that you could include in your magazine:

Write a feature Article:
Questions and Answers Page about the New Building!
Worried about moving to the new building? Don't-read this and most of your concerns will disappear!

Write an article about:
Best times in the old building! Anything you will miss?

What are you most looking forward to in the new building?

Magazine contents checklist

A checklist you can use to plan your magazine.

Choose between 2 and 4 things from the contents list below to include in a class magazine. Use the attached worksheets to help you write the articles. Design your own puzzles/quizzes/word searches to include in the magazine.

Name: Date:

What to include	Who	Done
1. Front cover pictures, title and what's inside		
2. A contents page		
3. An article: "My class highlights"- what I/you will most miss about the old building. What could we be most looking forward to in the new building?		
4. Article about our Celebration assembly! Use the attached worksheet to help you write about our Christmas Celebration Assembly.		
5. Article about sport		
6. Fact file		
7. An interview		
8. Games pages e.g. Spot the difference/ a word search/who's who		

What to include	Who	Done
9. A photos page: Make a list of the photos you would use, that best show your best moments in out old building? Why have you chosen these photos?		
10. Problems and advice page: *Give some encouraging advice to students who may have concerns about moving to the new building. Use some of the information that Mr Procter-Legg has shared in his assemblies about the new building.*		

Class highlights 2020

My class highlight 1:

.....

.....

.....

My class highlight 2:

.....

.....

.....

My class highlight 3:

.....

.....

.....

Iffley Academy

Home Interviews

Think about what you want to find out. Write the question you need to ask.
Example: Favourite animal. What is your favourite animal?
Don't forget the question mark!

1. **Name:**

……

……

2. **Favourite holiday:**

……

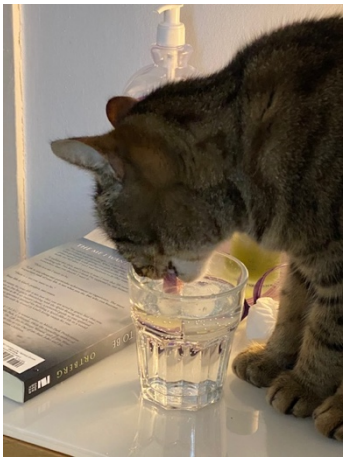
……

3. **Favourite food:**

……

……

In class, we have been looking at writing captions to go with pictures?
Write your own captions for these photographs.



Challenge: could you write a short piece about one of these pictures or a photograph of your own?

Ideas to practise your English skills!

You don't have to do all of these. Try and choose one activity from each group.

WRITING

- Write a letter or card to an older relative who can't get out at the moment to cheer them up.
- Write a diary of what you're doing when you are not at school.
- Write a shopping list of the things you and your family need.

READING

- Read a book to a younger child.
- Log on to Rapid Read and choose a book!
- Read an article on BBC Newsround.

SPEAKING AND LISTENING

- Spend some time talking to someone who might be lonely on the phone.
- Tell someone all about our new school building.
- Watch and listen to the news on BBC Newsround.

Your teacher has made some mistakes! Please help them by showing them where the capital letters, full stops and question marks or exclamation marks should be.

You could use a coloured pen, pencil or highlighter.

1. Mr procter-legg is the head teacher at iffley academy

2. when are we moving to our new school building

3. mrs fay says we must walk and not run up and down the stairs.

4. who will feed the animals in our new school

5. our new school hall is massive

6. i can't wait to see our new classroom

7. will we be able to dexter for a walk

Get creative and invent a new animal.

Draw a picture of it and then write a description of it. Think about…..

- What it looks like?
- What it sounds like?
- How it moves?
- What does it eat?
- Is it scary or cuddly or something else altogether?

Use this grid to help you answer the multiplication questions

CHALLENGE: Why not, answer he questions and use this to check Your answers

Multiplication

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

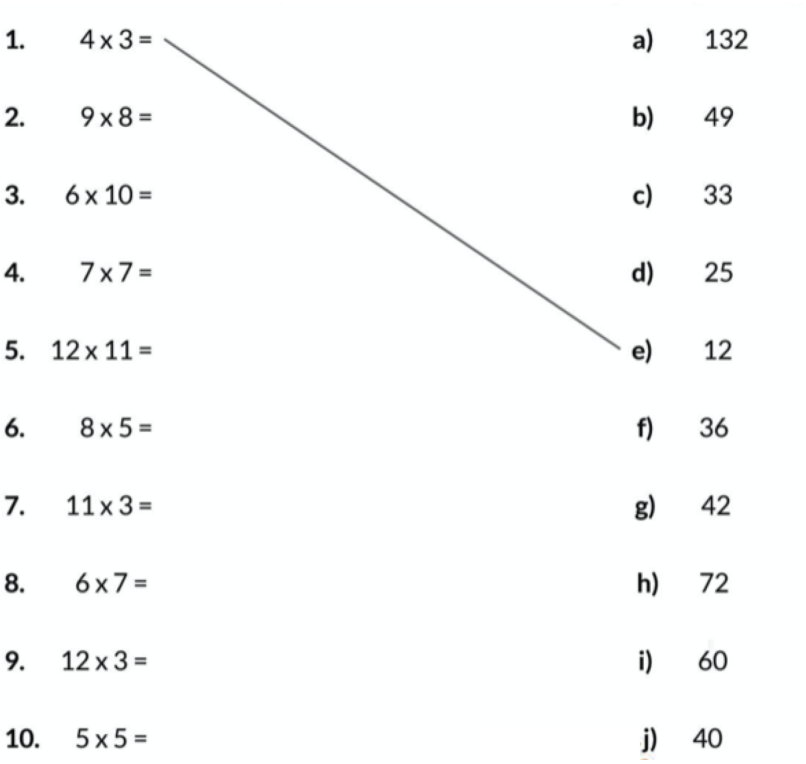
Multiplication

Can you compete the multiplication sums below?

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

Multiplication

Draw a line to match each equation (sum) on the left with its answer (product) on the right.



1.	4 x 3 =	a)	132
2.	9 x 8 =	b)	49
3.	6 x 10 =	c)	33
4.	7 x 7 =	d)	25
5.	12 x 11 =	e)	12
6.	8 x 5 =	f)	36
7.	11 x 3 =	g)	42
8.	6 x 7 =	h)	72
9.	12 x 3 =	i)	60
10.	5 x 5 =	j)	40

Multiplication

In each group of equations, three answers are correct and one is NOT correct.
Circle the equation in each group that does NOT have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a) 12 x 12 = 144 b) 9 x 8 = 74

c) 7 x 10 = 70 d) 5 x 9 = 40

Group 2: Out of these four equations, which answer is NOT correct?

a) 11 x 2 = 22 b) 8 x 4 = 32

c) 9 x 7 = 63 d) 6 x 7 = 49

Group 3: Out of these four equations, which answer is NOT correct?

a) 9 x 6 = 54 b) 8 x 8 = 64

c) 11 x 11 = 110 d) 4 x 6 = 24

Multiplication

Can you solve the muliplication word problems?

1. Eclipse has 4 bags of marbles, each with 2 marbles in them.
   How many marbles does Eclipse have?

2. Battabash has 3 trays of ice, with 9 ice cubes in each of them.
   How many ice cubes does Battabash have?

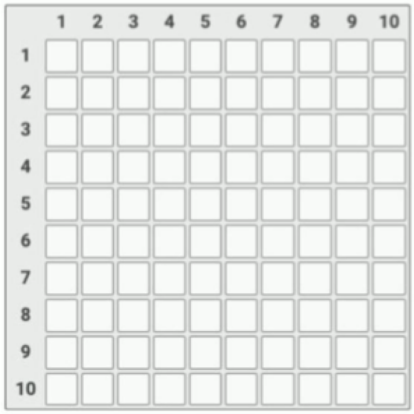
3. Lumiot and Mystyyk are having candy together. Together, they have 6 bags of candy, each with 5 pieces of candy in them.
   How many pieces of candy do Lumiot and Mystyyk have?

4. TripTrop has 2 boxes of flowers, each with 4 flowers in them.
   How many flowers does TripTrop have?

5. Frostfang has 7 containers of snowballs, with 3 snowballs in each container.
   How many snowballs does Frostfang have?

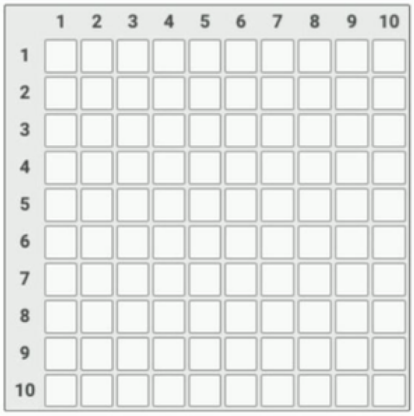
Multiplication

Colour in the squares to create an **array** that represents each equation.
Then, solve to find the product.



Question 1

You have 8 rows of books on your bookshelf.
Each row has 6 books.
How many books do you have altogether?



Question 2

You have 4 rows of stickers in your sticker book. Each row has 5 stickers.
How many stickers do you have altogether?

Addition and Subtraction

Addition - to add/plus (+)
Subtraction - to take away/minus (-)

Solve the following problems:

Samantha collects stamps. She has 351 in a box and 456 in a book. How many does she have altogether?

1. There are 167 books in one classroom and 392 books in the other. How many books are there altogether in both classrooms?

2. A lorry driver has a 561km journey. He stops for a break after 314km. How much further has he to travel?

Addition and Subtraction

Addition - to add/plus (+)
Subtraction - to take away/minus (-)

Solve the following problems:

1. A teacher collects a bag of 28 balls for a PE lesson. There are 3 colours of ball. There are 13 blue balls and 8 green balls.How many red balls are there?

2. Lydia has 15 marbles. She takes them to her friend's house. She loses 3 on the way and 4 in the house.

   How many does she have left?

3. A farmer has 26 cows, which he keeps in 3 fields. After counting 12 in the first field and 5 in the second, how many cows would he expect to find in the third

A greengrocer has a box of apples.
In the morning he sells 17 apples.
In the afternoon he sells 6 apples.
At the end of the day there are 11 apples left in the box.
How many apples were there at the start of the day?

Capacity (volume)

Use the < and > sign to show which is bigger or smaller

< = smaller
> = bigger
= = the same

1.  

2.  

3. 1 litre _____ 500ml

4. 250ml. _____ 1 litre

5. 1000ml _____ 1 litre

Fractions ½ and ¼

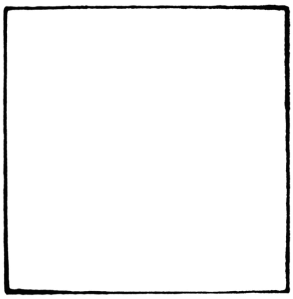
Find a quarter of even numbers to 40 below, by halving and then halving again:

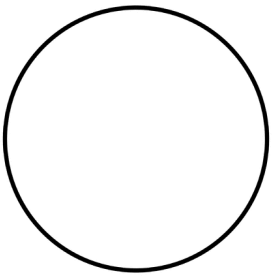
½ of 12 = 6	¼ of 12 = (½ of 6) = 3

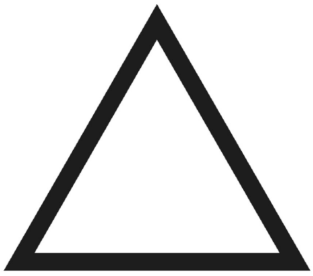
1.	½ of 40 =	¼ of 40 =
2.	½ of 16 =	¼ of 16 =
3.	½ of 20 =	¼ of 20 =
4.	½ of 8 =	¼ of 8 =
5.	½ of 32 =	¼ of 32 =
6.	½ of 4 =	¼ of 4 =
7.	½ of 2 =	¼ of 2 =
8.	½ of 24 =	¼ of 24 =

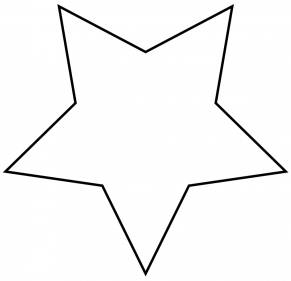
Fractions halves and quarters

1. Colour in half of the shape below:

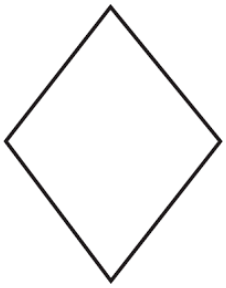


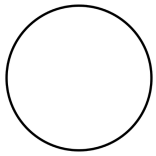






2. Now colour in a quarter of the shape below:





PLACE VALUE AND ORDERING NUMBERS

Activity 1

Split each number into tens and units. Calculate the value of each column. The first one has been done as an example.

Number	T	U
47	4 tens = 40	7 units = 7
23		
54		
98		
34		
20		
63		

Activity 2

Write out these sums on squared paper and work out the answer. Remember to keep numbers in the correct columns, and to put the bigger number first.

8 + 4	4 + 9	6 + 45	31 + 22
9 + 2	13 + 8	11 + 23	65 + 12
14 + 8	22 + 4	21 + 15	24 + 54
20 + 7	34 + 9	46 + 7	30 + 61
31 + 5	7 + 19	10 + 54	42 + 49

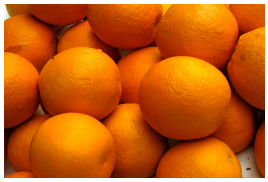
Division

There are 49 bottle caps in Deborah's bottle cap collection. If the bottle caps are organized into 7 groups, how big is each group?

Alan is inviting 6 friends to a party. He has 48 cookies. How many cookies will each friend get?

There are 5 students in the class and 20 bananas. If the bananas are divided equally among the students, how many does each student get?

Nicholas is inviting 70 friends to a party. He has 280 cookies. How many cookies will each friend get?



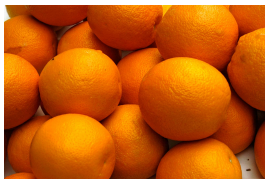
There are 7 students in the class and 7 oranges. If the oranges are divided equally among the students, how many does each student get?

Division

Ruby has 8 crayons. If she shares them among 4 friends, how many crayons does each friend get?

Carolyn is inviting 8 friends to a party. She has 24 cookies. How many cookies will each friend get?

There are 5 students in the class and 10 oranges. If the oranges are divided equally among the students, how many does each student get?



Patricia wants to split a collection of crayons into groups of 3. Patricia has 3 crayons. How many groups will be created?

Margaret is inviting 8 friends to a party. She has 48 cookies. How many cookies will each friend get?

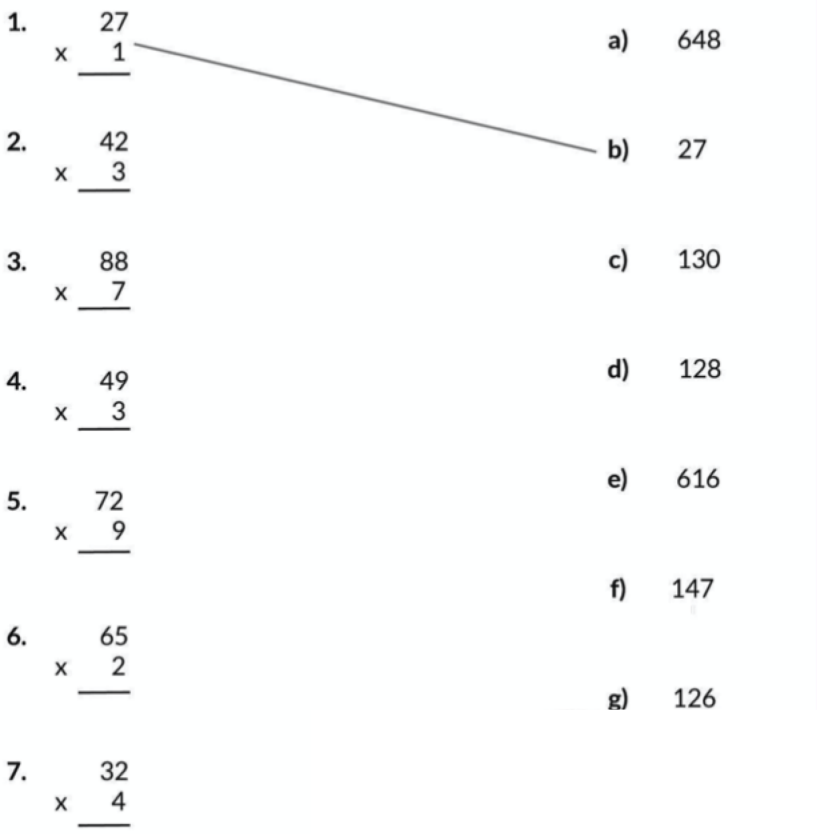
Multiplication

Can you compete the multiplication sums below?

1. 21 x 1	**2.** 33 x 6	**3.** 48 x 3
4. 35 x 5	**5.** 17 x 8	**6.** 72 x 2
7. 41 x 4	**8.** 94 x 1	**9.** 15 x 9
10. 57 x 5	**11.** 22 x 3	**12.** 14 x 7
13. 67 x 6	**14.** 24 x 9	**15.** 80 x 2

Multiplication

Draw a line to match each equation (sum) on the left with its answer (product) on the right.



1.	27 x 1	a)	648
2.	42 x 3	b)	27
3.	88 x 7	c)	130
4.	49 x 3	d)	128
5.	72 x 9	e)	616
6.	65 x 2	f)	147
7.	32 x 4	g)	126

Multiplication

In each group of equations, three answers are correct and one is NOT correct.
Circle the equation in each group that does **NOT** have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a)	b)	c)	d)
85 x 2 = 170	98 x 5 = 490	42 x 5 = 214	28 x 3 = 84

Group 2: Out of these four equations, which answer is NOT correct?

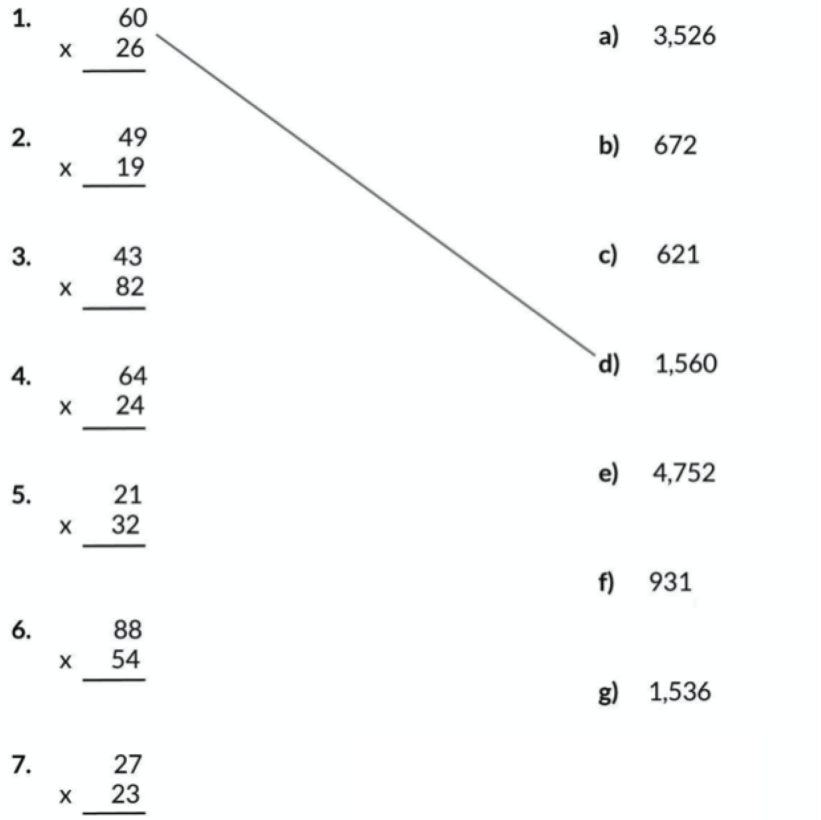
a)	b)	c)	d)
29 x 7 = 203	47 x 2 = 84	44 x 6 = 264	92 x 5 = 460

Group 3: Out of these four equations, which answer is NOT correct?

a)	b)	c)	d)
37 x 6 = 222	20 x 8 = 160	77 x 2 = 174	31 x 3 = 93

Multiplication

Draw a line to match each equation on the left with its answer (product) on the right.



1.	60 x 26	**a)**	3,526
2.	49 x 19	**b)**	672
3.	43 x 82	**c)**	621
4.	64 x 24	**d)**	1,560
5.	21 x 32	**e)**	4,752
6.	88 x 54	**f)**	931
7.	27 x 23	**g)**	1,536

Division

There are 50 students in the class and 400 crayons. If the crayons are divided equally among the students, how many does each student get?

The school is planning a field trip. There are 36 students and 4 seats on each school bus. How many buses are needed to take the trip?

The school is planning a field trip. There are 35 students and 7 seats on each school bus. How many buses are needed to take the trip?

The school is planning a field trip. There are 16 students and 2 seats on each school bus. How many buses are needed to take the trip?

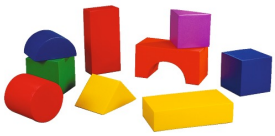
Nathan is inviting 60 friends to a party. He has 420 cookies. How many cookies will each friend get?

Division

There are 8 cards in Evelyn's card collection. If the cards are organized into 2 groups, how big is each group?

There are 7 students in the class and 14 erasers. If the erasers are divided equally among the students, how many does each student get?

Roy has 30 blocks. If he shares them among 30 friends, how many blocks does each friend get?



Norma wants to split a collection of eggs into groups of 8. Norma has 64 eggs. How many groups will be created?

There are 80 students in the class and 480 marbles. If the marbles are divided equally among the students, how many does each student get?

Division

There are 49 bottle caps in Deborah's bottle cap collection. If the bottle caps are organized into 7 groups, how big is each group?

Alan is inviting 6 friends to a party. He has 48 cookies. How many cookies will each friend get?

There are 5 students in the class and 20 bananas. If the bananas are divided equally among the students, how many does each student get?

Nicholas is inviting 70 friends to a party. He has 280 cookies. How many cookies will each friend get?

There are 7 students in the class and 7 oranges. If the oranges are divided equally among the students, how many does each student get?

Multiplication

Can you compete the multiplication sums below?

1. 38 x 86	**2.** 41 x 27	**3.** 55 x 64
4. 81 x 14	**5.** 72 x 44	**6.** 27 x 27
7. 53 x 98	**8.** 93 x 91	**9.** 52 x 68
10. 67 x 85	**11.** 18 x 56	**12.** 23 x 89
13. 49 x 73	**14.** 81 x 34	**15.** 43 x 62

Multiplication

Can you compete the 4 digit by 1 digit multiplication sum?

1. 7,181 x 9	**2.** 4,845 x 2	**3.** 9,359 x 5
4. 1,667 x 7	**5.** 7,357 x 3	**6.** 9,565 x 4
7. 5,942 x 6	**8.** 8,332 x 2	**9.** 4,828 x 1
10. 4,445 x 8	**11.** 6,528 x 5	**12.** 3,288 x 7
13. 4123 x 9	**14.** 1,392 x 6	**15.** 8,594 x 3

Multiplication

Can you compete the 4 digit by 1 digit multiplication sum?

1. 3,112 x 5	**2.** 3,607 x 4	**3.** 6,342 x 8
4. 7,748 x 3	**5.** 8,527 x 7	**6.** 2,462 x 9
7. 8,417 x 4	**8.** 9,241 x 6	**9.** 8,172 x 2
10. 7,229 x 3	**11.** 9,583 x 5	**12.** 3,356 x 7
13. 8,921 x 2	**14.** 8,489 x 8	**15.** 4,574 x 9

Multiplication

In each group of equations, three answers are correct and one is **NOT** correct.
Circle the equation in each group that does **NOT** have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a)	**b)**	**c)**	**d)**
8,381 x 7 = 58,667	5,542 x 6 = 33,252	3,794 x 3 = 11,382	7,929 x 2 = 20,858

Group 2: Out of these four equations, which answer is NOT correct?

a)	**b)**	**c)**	**d)**
5,571 x 4 = 22,284	1,644 x 2 = 3,298	6,521 x 5 = 32,605	3,150 x 4 = 12,600

Group 3: Out of these four equations, which answer is NOT correct?

a)	**b)**	**c)**	**d)**
5,286 x 3 = 15,858	9,354 x 7 = 65,478	7,914 x 3 = 13,742	5,627 x 5 = 28,135

Division

Can you answer these division word problems, remember division is about sharing.

William wants to split a collection of peanuts into groups of 61. William has 305 peanuts. How many groups will be created?

There are 14 students in the class and 14 crayons. If the crayons are divided equally among the students, how many does each student get?

There are 28 students in the class and 1316 blocks. If the blocks are divided equally among the students, how many does each student get?

There are 53 students in the class and 371 blocks. If the blocks are divided equally among the students, how many does each student get?

There are 1426 pencils in Jose's pencil collection. If the pencils are organized into 23 groups, how big is each group?

Division

There are 82 students in the class and 574 blocks. If the blocks are divided equally among the students, how many does each student get?

Thomas wants to split a collection of eggs into groups of 97. Thomas has 4947 eggs. How many groups will be created?

Steve has 3007 apples. If he shares them among 97 friends, how many apples does each friend get?

Anna wants to split a collection of Skittles into groups of 97. Anna has 970 Skittles. How many groups will be created?

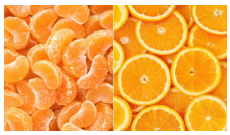
The school is planning a field trip. There are 5978 students and 61 seats on each school bus. How many buses are needed to take the trip?

Iffley Academy

Division

Joan wants to split a collection of blocks into groups of 83. Joan has 4565 blocks. How many groups will be created?

James has 7826 oranges stored in boxes. If the are 86 boxes, how many oranges must go in each box?



The school is planning a field trip. There are 546 students and 91 seats on each school bus. How many buses are needed to take the trip?

There are 87 students in the class and 783 blocks. If the blocks are divided equally among the students, how many does each student get?

There are 1134 peanuts in Alan's peanut collection. If the peanuts are organized into 42 groups, how big is each group?

To practice using positional and directional language

Left	Right	Forwards/ backwards
Around	On top	Under
In front	Behind	Above
Below	Inside	Near

Paper plate clocks

making and using clocks.

LA – students to place numbers to show hours on analogue clock. Make under clock showing minutes.

MA – students to show hours and minutes

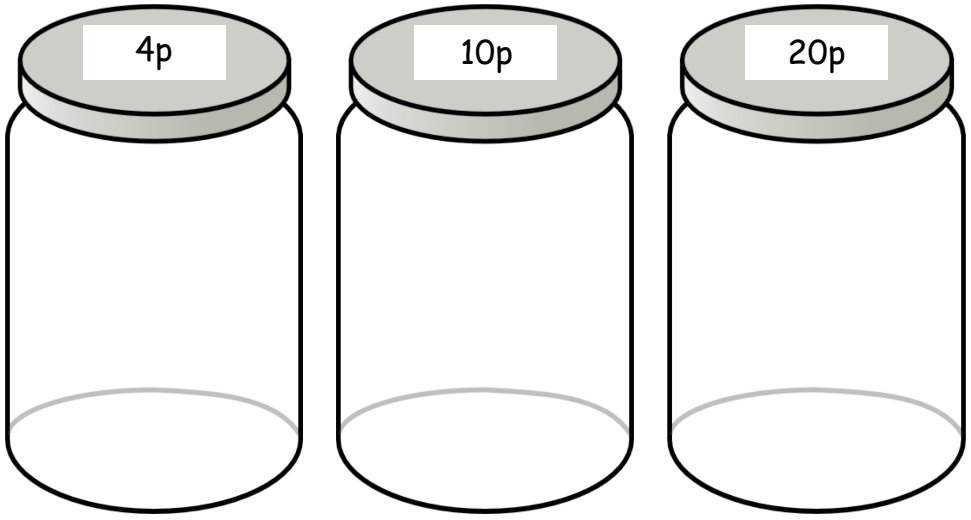
HA – students to show hours and digital equivalents

LO: Convert analogue times into digital

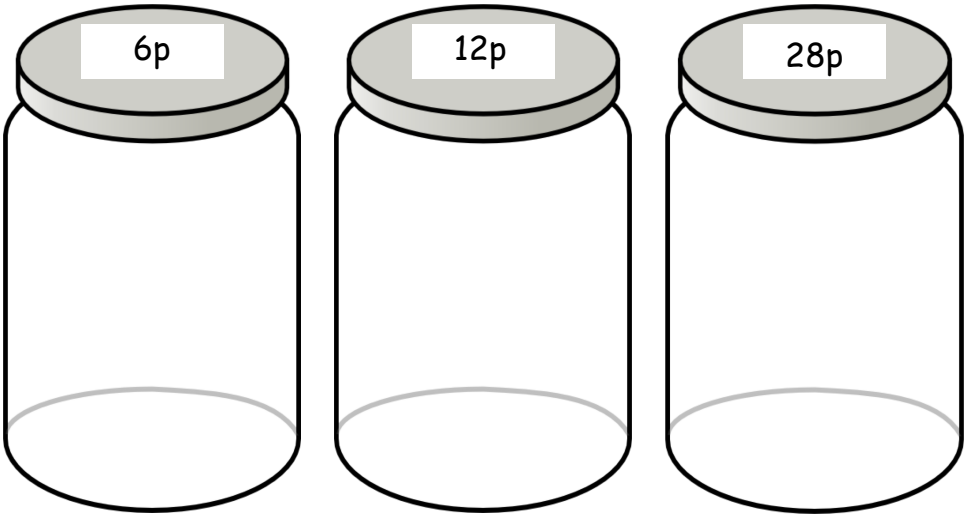
00:00 (Midnight)	
01:00	
02:00	
03:00	
04:00	
05:00	
06:00	
07:00	
08:00	
09:00	
10:00	
11:00	

12:00 (Midday)	
13:00	
14:00	
15:00	
16:00	
17:00	
18:00	
19:00	
20:00	
21:00	
22:00	
23:00	

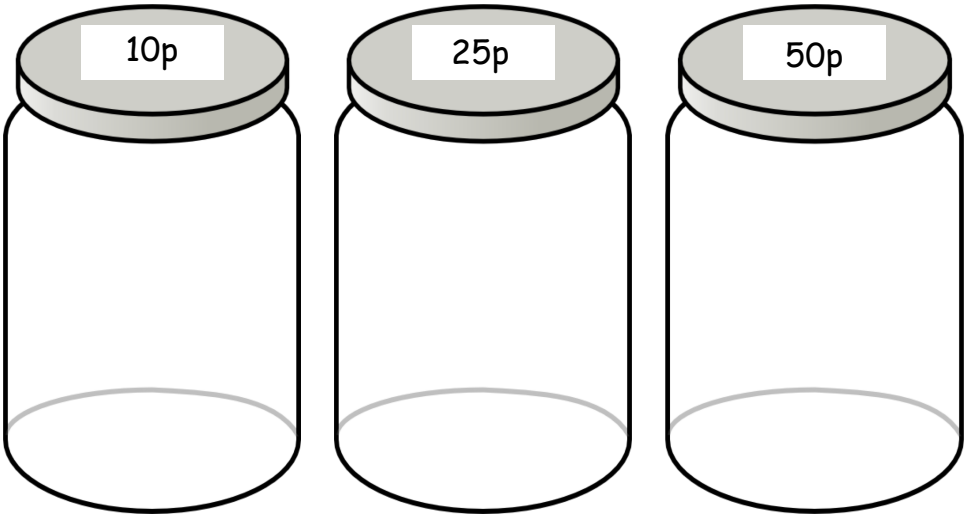
LO: To place the correct amount of coins in the jars, using one domination. Counting in 1's.



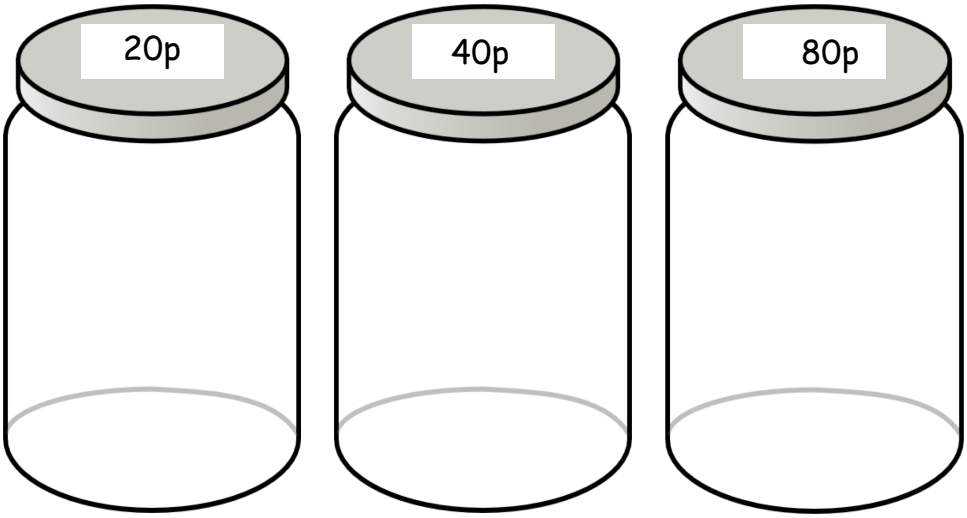
LO: To place the correct amount of coins in the jars, using one domination. Counting in 2's.



LO: To place the correct amount of coins in the jars, using one domination. Counting in 5's.



LO: To place the correct amount of coins in the jars, using one domination. Counting in 10's.



1	2	3	4	5
11	12	13	14	15
21	22	23	24	25
31	32	33	34	35
41	42	43	44	45

Cut, print and order the numbers correctly.

56	57	58	59	60
66	67	68	69	70
76	77	78	79	80
86	87	88	89	90
96	97	98	99	100

Cut, print and order the numbers correctly.

97	104	653	71	855
426	836	824	305	174
528	184	726	257	947
662	701	226	908	999

Cut, print and order the numbers correctly.

6	7	8	9	10
16	17	18	19	20
26	27	28	29	30
36	37	38	39	40
46	47	48	49	50

Cut, print and order the numbers correctly.

51	52	53	54	55
61	62	63	64	65
71	72	73	74	75
81	82	83	84	85
91	92	93	94	95

Cut, print and order the numbers correctly.

18,367	71,346	99,386	Cut, print and order the numbers correctly.
6,826	7,229	1,455	
3,826	3,673	4,997	
10,056	109,735	987,335	

Matching sum to answer

1 x 2 =	2 x 2 =	3 x 2 =	4 x 2 =	5 x 2 =
6 x 2 =	7 x 2 =	8 x 2 =	9 x 2 =	10 x 2 =

2	4	6	8	10
12	14	16	18	20

Financing a fish

LO – To price out the cost of a fish

Financing a fish

What key rules do you need to follow for keeping a fish?
Using the book and internet find out the do's and don't's for keeping fish.
Can you answer these questions?

- How often do you need to feed a fish?

.....

.....

- How often to clean a fish out?

.....

.....

- Should you get more than one fish?

.....

.....

- How long do fish live for?

.....

.....

- Should you tap on the tank? Why?

.....

.....

- What toys do fish like

.....

.....

Financing a fish

Prices of equipment needed: (cheapest option)

Price:	Price:	Price:
Price:	Price:	Price:

Fish Finances

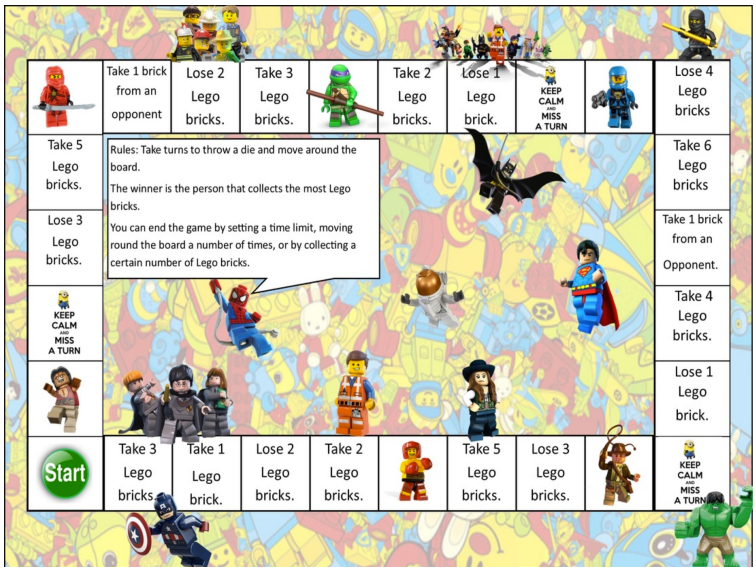
LO – To use number skills to calculate the cost and change of items. (subtraction and long addition)

1. You have £10 to spend. The fish costs £3, the food £2 and the cleaner £3. How much change will you get back?

1. You have £10 to spend. The fish costs £4.75, the food £2.50 and the cleaner £4.25. How much will the total be? How much change?

1. You need to buy 5 fish. Each fish costs £2.50. How much money will you need?

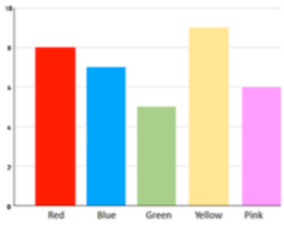
1. There is a sale on at the shop. Fish are normally £2, but today it is 50% off. How much will the fish be now?



Interpreting Scaled Bar Charts

Learning Objective: I can interpret scaled bar charts

Favourite Colour



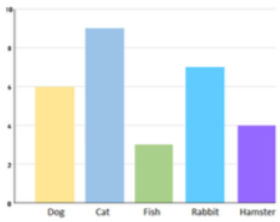
Answer the following questions.

1. What is the least favourite colour?
2. How many children chose yellow as their favourite colour?
3. How many fewer children chose green than blue as their favourite colour?
4. How many children chose pink and red as their favourite colour?

Interpreting Scaled Bar Charts

Learning Objective: I can interpret scaled bar charts

Class Pets



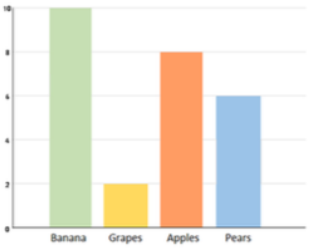
Answer the following questions.

1. Which is the most common pet?
2. How many pets are there in the class?
3. How many more rabbits than hamsters are there?
4. How many fewer dogs than cats are there?

Interpreting Scaled Bar Charts

Learning Objective: I can interpret scaled bar charts

Favourite Fruit



Answer the following questions.

1. What is the favourite fruit?
2. How many children chose apples as their favourite fruit?
3. How many more children chose bananas than grapes, as their favourite fruit?
4. How many children chose apples or pears as their favourite fruit?