

Wednesday 8th July

Hello again Year 6,

How are you? We hope that you and your families are all keeping well and enjoying this time together.

Here is your learning for this week. In Maths we are looking at all four operations so be prepared for lots of calculations and puzzles! In English we have a range of activities - a reading comprehension, writing task, SPaG puzzle and art. PSHE is focusing on change and there are a few other fun activities hidden throughout the week too!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Whilst you have been learning from home, you have been able to access free books online using myON which is linked to our Accelerated Reader scheme. These books can still be accessed for free but you will now need our school login details to do this. After reading a book, you can then click on the 'Take AR Quiz' option and login to your account using your usual Accelerated Reader username and password.

Our myON login details are:

Go to myon.co.uk and enter:

1. a. **School Name:** Howley Grange Primary School (*type the first few letters and select from the drop-down menu*)
2. b. **Username:** howley136student
c. **Password:** read
3. Click on the **Sign In** button, select a book, and start reading!

This message has also been sent as a parentmail and there is a pdf attached to that which explains how to choose books using myON. If you have any problems with myOn or questions about Accelerated Reader you can contact Mrs Graham using the school email.

Take care and keep smiling,

Mrs North and Mrs Graham

English Activity 2 and 3 - Memories of Howley Grange

Linking to our PSHE this week, we would like you to write down and illustrate your memories of your time at primary school from the day you first started. If you have attended other primary schools, use those too as they are part of your journey.

We expect this to take two sessions to complete as there is a lot of thinking, remembering, writing and illustrating to do! Try to remember as much as you can - your teachers, the other staff, events, activities, friends..... You need to show your memories for each year group from Reception to Year 6.

You can present your work in a format of your choice. Here are a few ideas:

- Fold a piece of paper into 4 and use the sections on the front and the back
- Create a book
- Present as a comic strip
- Create a squashable book (the instructions are on the next slides)

As always, maintain those Year 6 standards in the content and presentation of your writing and be as creative as you can.

Squashable book instructions



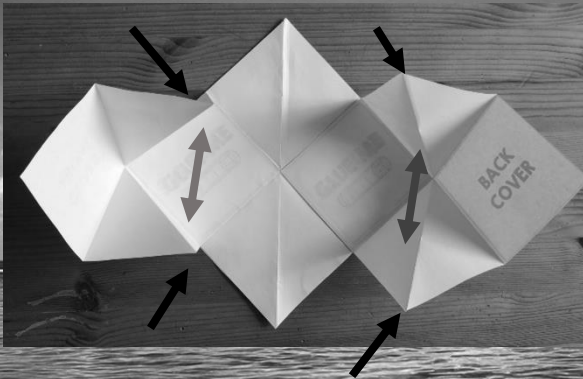
1. Cut out the three pieces of card you need – cut just inside the thick black lines (pieces 2 and 3 are double-sided)



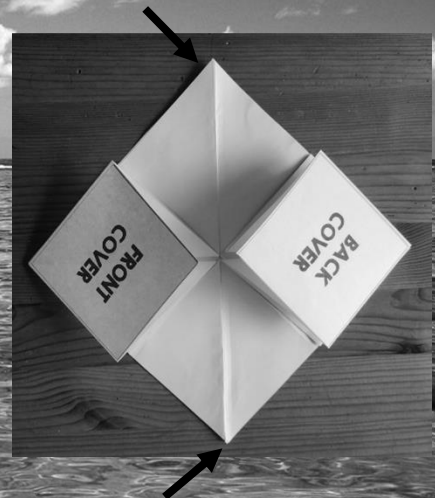
3. Glue the pieces together by matching the glue pictures on the template to each other



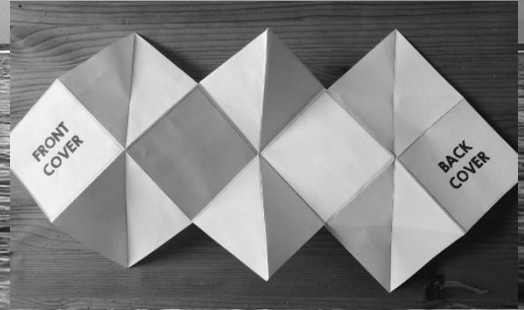
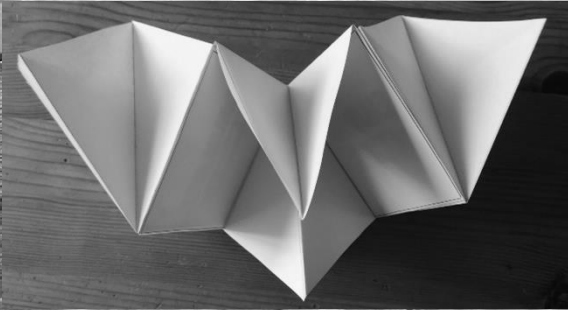
2. Carefully fold along each dotted fold line on each piece – each time, fold and turn over and fold the other way too



4. Turn your squash book over and push each pair of points together (red arrows) so they meet (orange arrows). Fold each cover over the top.



5. Push the back cover and front cover together, tucking in the points so they fold away from you, (red arrows) and push together



DRAFTING YOUR SECTIONS

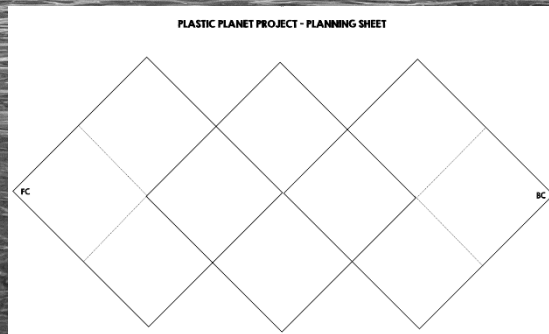
You will need 8 sections (not including your front and back cover)

1. Use the planning sheet to decide what information from your research you would like to go in each space in your squash book – you need to include all the information you found – use the headings to help you. Ideas to include – text, illustrations, maps, diagrams, charts, fact boxes...
2. Draft each written section on lined paper (don't forget to check your writing carefully!)



CREATE YOUR BEST COPY

1. For each of the 8 sections on your plan, create a best copy on a square of plain paper. Use a line guide and handwriting pen for all text, and pencil and pencil colours for all drawings. Use a template or 2 fairy lines and a ruler for all headings.
2. Carefully glue each best copy onto the right square of your squash book, based on your plan.
3. Design your front and back covers on plain paper (don't forget to include your name and the name of your creature!). Stick them onto your squash book.



GLUE ME



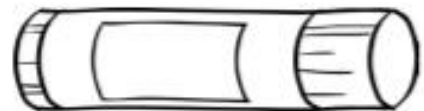
GLUE ME



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FRONT COVER

GLUE ME



©2018 Red Stick Teaching Materials

Maths Activity 3a - Ten in ten

1. A jacket costs £58.30. In the winter sale, every item has 20% off. How much did the jacket cost in the sale?

2. $6957 \div 7 =$

3. What is half of one hundred thousand?

4. Which 2D shape has 6 angles that add up to 360° ?

5. Summer was carrying a 5l watering can. She used 3015ml to water the tomatoes. Write the amount left in the can in litres.

6. Courtney got 16 out of 20 in her spelling test. What percentage did she get?

7. Imagine a number square. What number is three squares below 36?

8. How many days are there in 3 years?

9. Round 32.053 to 2 decimal places.

10. What is the largest remainder you can have when you divide by 7?

11. How many angles has a pentagon?

Remember - ten questions in ten minutes.

There's five extra challenge questions if you have spare time.

11. Write 0.8 as a fraction in its simplest form.

12. A game costs £24. It is in the sale for 15% less. How much money is the game reduced by?

13. Complete the ratio table.

6	10
9	
12	20

14. $9.4 - (5.1 + 2.3) =$

15. $4^3 + 7^2 =$

Maths Activity - Factors, prime numbers and multiples

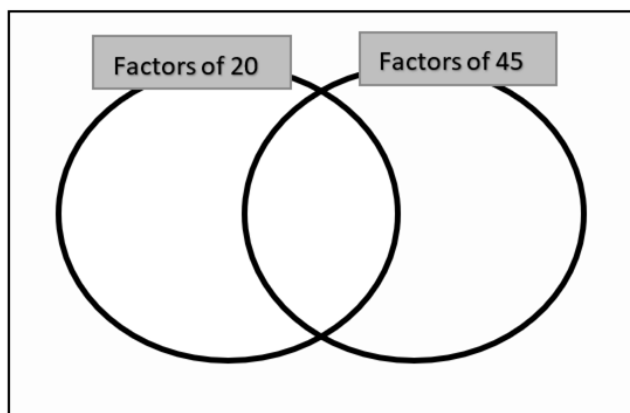
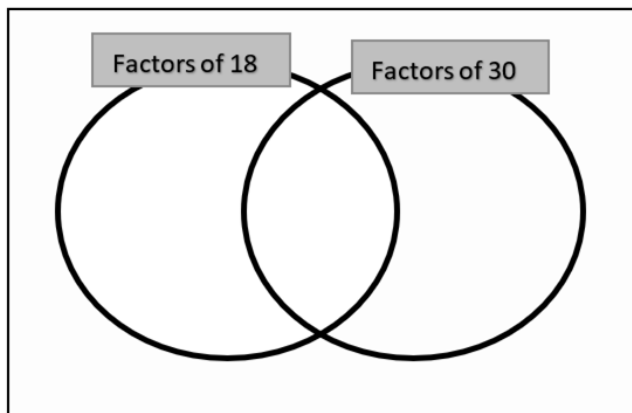
This week we are looking at the four operations of addition, subtraction, multiplication and division. We will also look at multiples, factors, prime numbers, square numbers and cube numbers.

Don't forget to use the knowledge postcard at the start of Monday's learning, which will be really helpful as a reminder of what to do.

Today the focus is factors, multiples and prime numbers. Try to complete as many questions as you can. Have fun!

Maths Activity 3b - Factors

Practice it

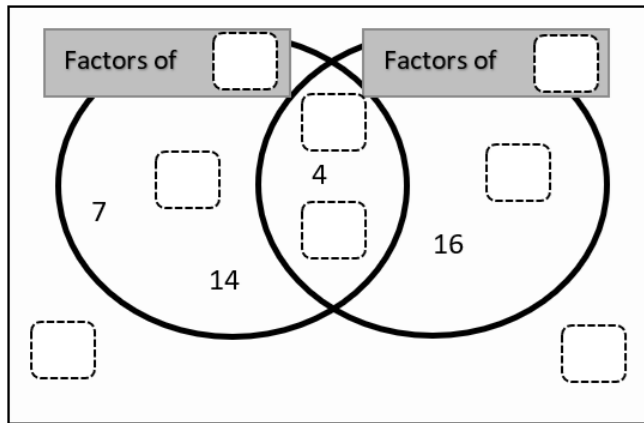
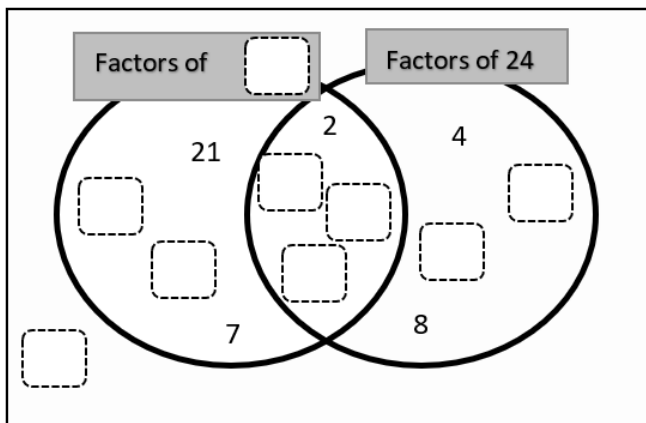


Place the following numbers correctly in the diagram above. Place the following numbers correctly in the diagram above.

5	1	12	9	6	18
3	10	20	2	36	15

15	5	3	10	30	1
12	4	9	2	45	20

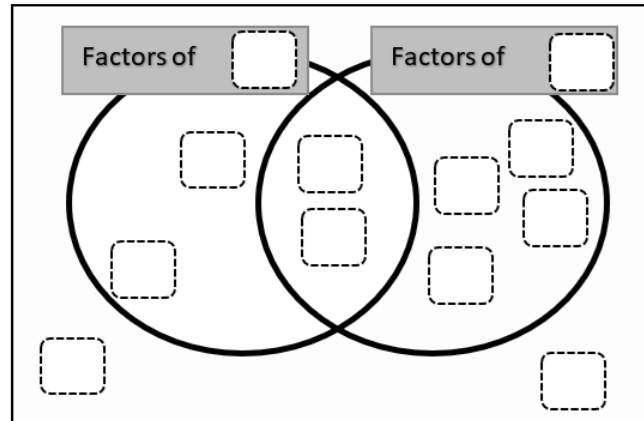
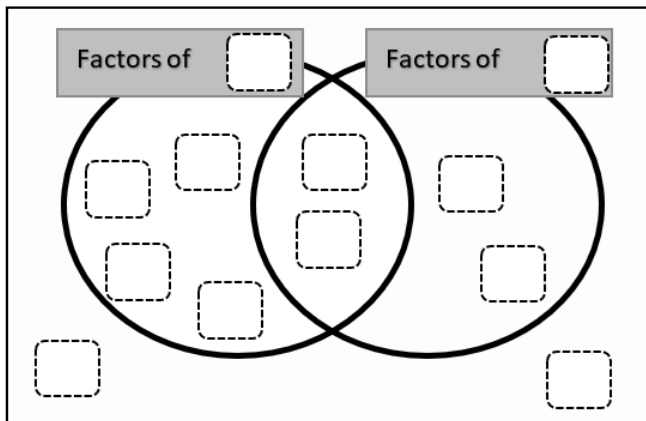
Improve it



Place numbers of your choice to satisfy the Venn Diagram.

Place numbers of your choice to satisfy the Venn Diagram.

Master it



Place these numbers correctly into the Venn Diagram above. Place these numbers correctly into the Venn Diagram above.

2	7	1	14	12	6
21	3	12	4	24	8

2	15	1	10	20	75
3	30	75	25	10	5

Maths Activity 3c - Common factors

1.

3

5

The common factors are:

2.

8

40

The common factors are:

3.

28

36

64

The common factors are:

4.

27

54

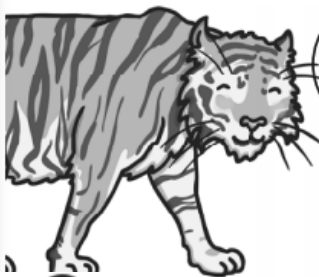
90

The common factors are:

Maths Activity 3d - Prime Numbers

Using any method you wish, identify all the prime numbers between 1-200 then check your answers.

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



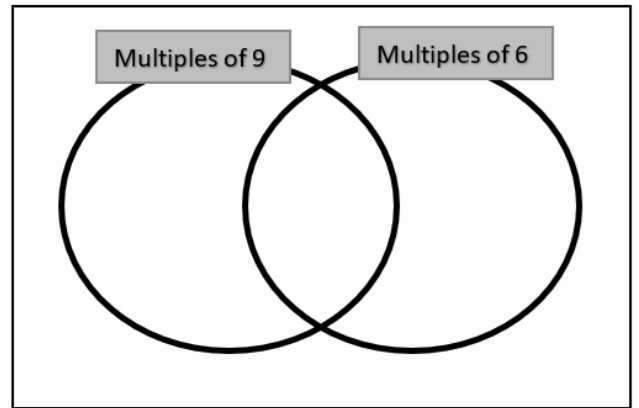
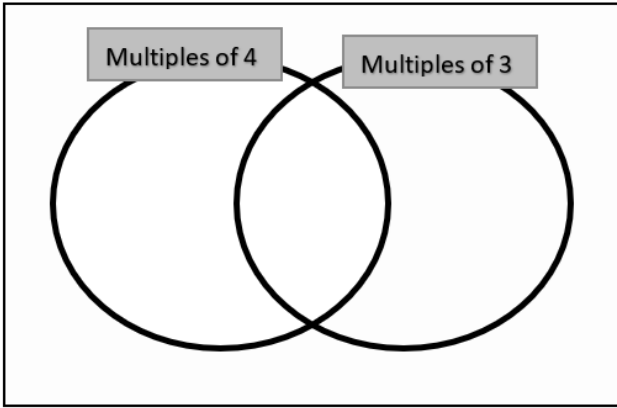
Remember a prime number is any number higher than 1 which can only be divided by 1 and itself.

Remember that numbers can be divisible by larger numbers as well as numbers 0 - 12
e.g. $169 \div 13 = 13$



Maths Activity 3e - Multiples

Practice it



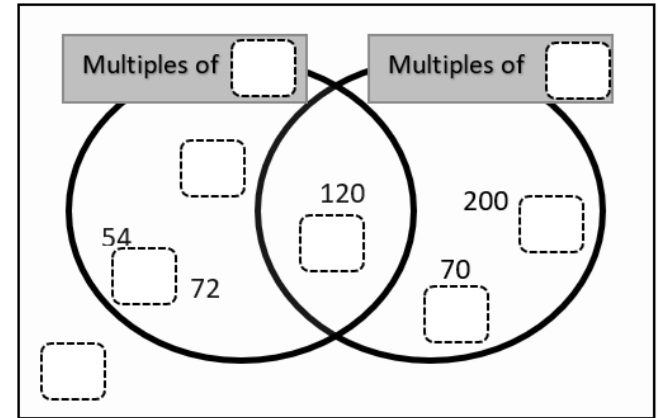
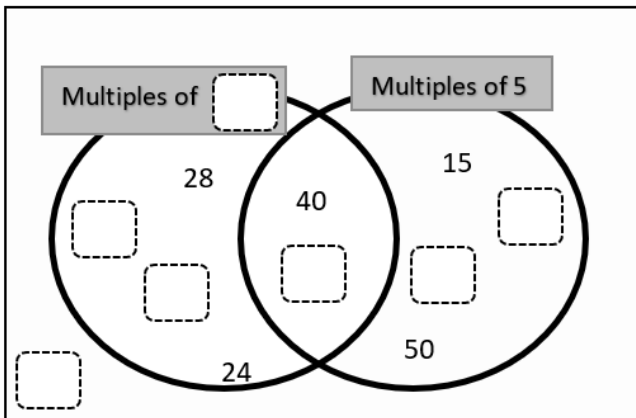
Place the following numbers correctly in the diagram above.

Place the following numbers correctly in the diagram above.

8	2	6	12	9	16
30	7	15	36	20	34

24	10	6	18	39	90
30	63	25	60	45	36

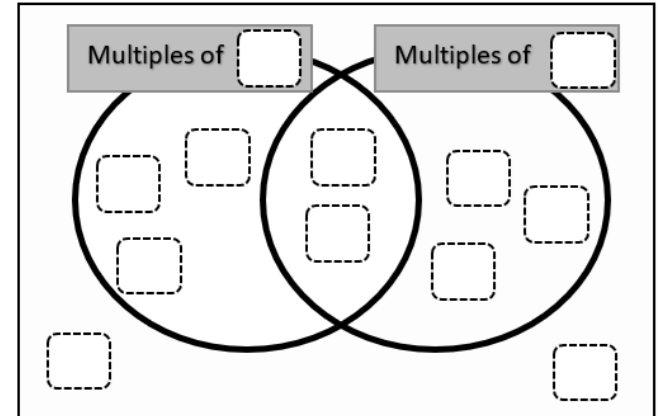
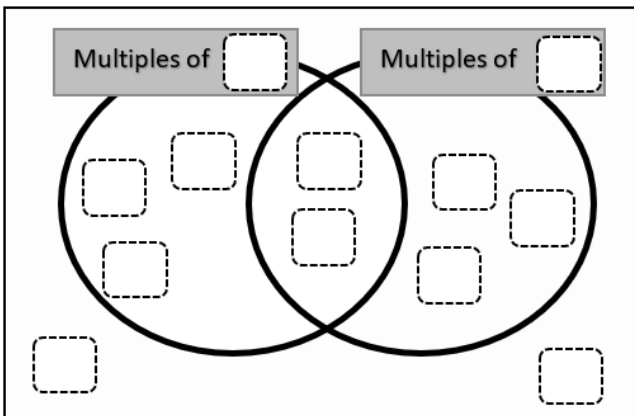
Improve it



Place numbers of your choice to satisfy the Venn Diagram.

Place numbers of your choice to satisfy the Venn Diagram.

Master it



Place these numbers correctly into the Venn Diagram above.

Place these numbers correctly into the Venn Diagram above.

70	21	15	7	63	36
44	35	3	37	9	56

80	28	12	72	60	16
12	10	24	84	8	56

Maths Activity 3f - Lowest Common Multiples

List the multiples of each number and use your lists to find the Lowest Common Multiple (LCM - the lowest multiple shared by both numbers)

e.g. 7 and 3

Multiples of 7: 7, 14, (21), 28, 35, 42, 49

Multiples of 3: 3, 6, 9, 12, 15, 18, (21), 24

LCM of 7 and 3 = 21

1. 3 and 4

Multiples of 3:

Multiples of 4:

LCM of 3 and 4 =

2. 3 and 9

Multiples of 3:

Multiples of 9:

LCM of 3 and 9 =

3. 2 and 5

Multiples of 2:

Multiples of 5:

LCM of 2 and 5 =

4. 8 and 4

Multiples of 8:

Multiples of 4:

LCM of 8 and 4 =

5. 6 and 9

Multiples of 6:

Multiples of 9:

LCM of 6 and 9 =

6. 10 and 5

Multiples of 10:

Multiples of 5:

LCM of 10 and 5 =

7. 11 and 6

Multiples of 11:

Multiples of 6:

LCM of 11 and 6 =

8. 7 and 13

Multiples of 7:

Multiples of 13:

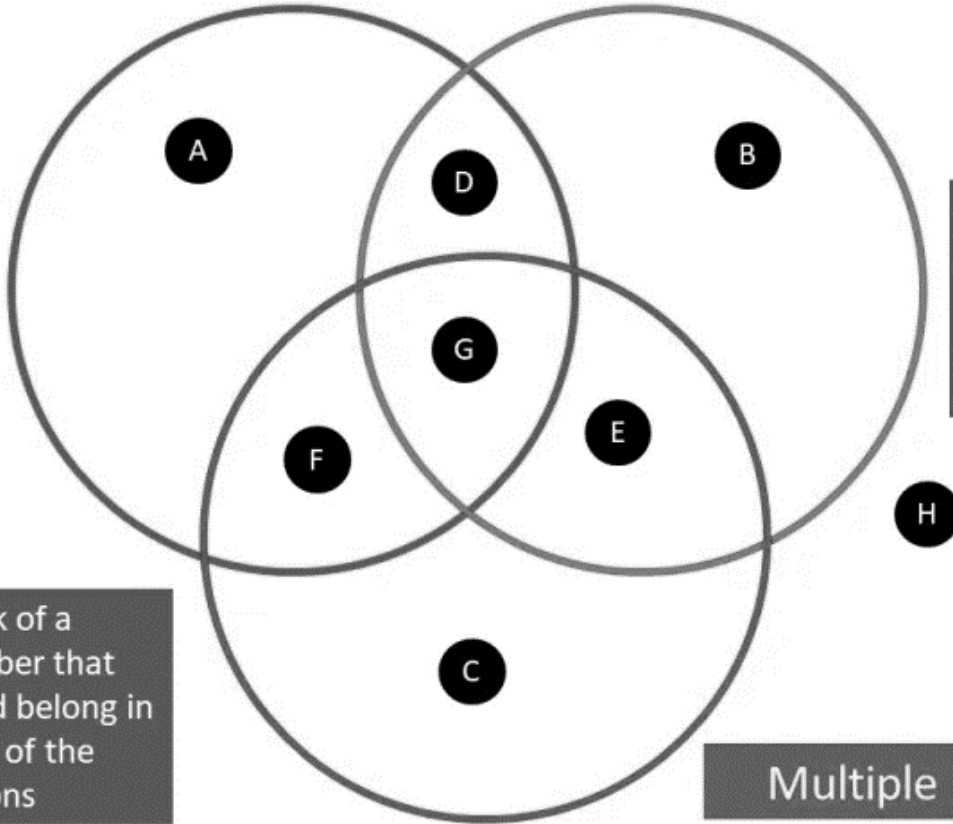
LCM of 7 and 13 =

Maths Activity 3g - Challenge

@mrbartonmaths

Multiple of 5

Factor of 40



If you think a region is impossible to fill, convince me why!

Think of a number that could belong in each of the regions

Multiple of 4

Factors and multiples

Loose Parts Challenge:

Recreate a famous landmark in your grounds

All

Play
Based
Learning

A
B
C



What could you use?

A range of small and large materials
e.g. recycling, scrap construction,
materials, natural items, and other
bits 'n' bobs!

Activity

There are some incredible landmarks across the UK, from Big Ben to Edinburgh Castle. Recreate some of your favourite famous landmarks to save you having to go and visit them all!

- Your landmark could be a manmade building or structure, or a natural feature.
- Think carefully about what size it should be – should it include certain shapes?
- What specific features does your landmark need to have?
- You could use natural materials that you can find outside or manmade materials.
- Look at a photo of the landmark to try to add more attention to detail.

This activity develops problem solving and critical thinking which supports STEM learning and it is an active link to Geography topics on different places around the world. Challenge the children to:

- Add some tourists who are enjoying their visit to the landmark.
- Make facilities such as a car park etc.
- Create the landmark from different perspectives e.g. birds eye view etc.
- Write an advert or make a poster to encourage people to visit your site.
- Make the landmark to a chosen scale.

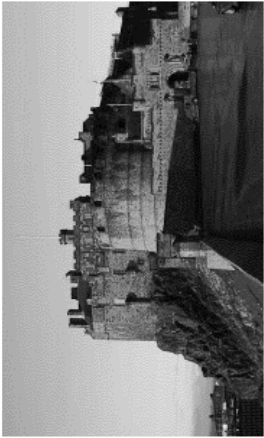
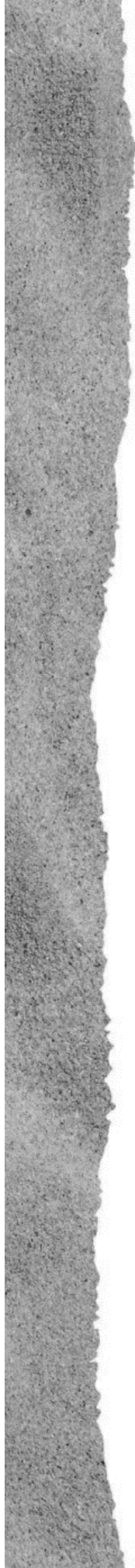


Learning
through
Landscapes

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Learning
through
Landscapes

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ANSWERS Maths Activity 3a - Ten in ten

1. A jacket costs £58.30. In the winter sale, every item has 20% off. How much did the jacket cost in the sale?

£46.64

2. $6957 \div 7 = 993 \text{ r } 6$

3. What is half of one hundred thousand?

50,000

4. Which 2D shape has 6 angles that add up to 360° ? **regular hexagon**

5. Summer was carrying a 5l watering can. She used 3015ml to water the tomatoes. Write the amount left in the can in litres. **1.985l**

6. Courtney got 16 out of 20 in her spelling test. What percentage did she get? **80%**

7. Imagine a number square. What number is three squares below 36?

66

8. How many days are there in 3 years? **1095**

9. Round 32.053 to 2 decimal places. **32.05**

10. What is the largest remainder you can have when you divide by 7?

6

11. Write 0.8 as a fraction in its simplest form. **$\frac{1}{8}$**

12. A game costs £24. It is in the sale for 15% less. How much money is the game reduced by? **£3.60**

13. Complete the ratio table.

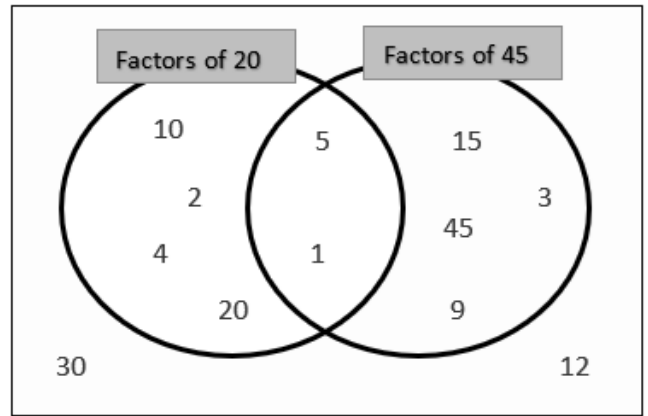
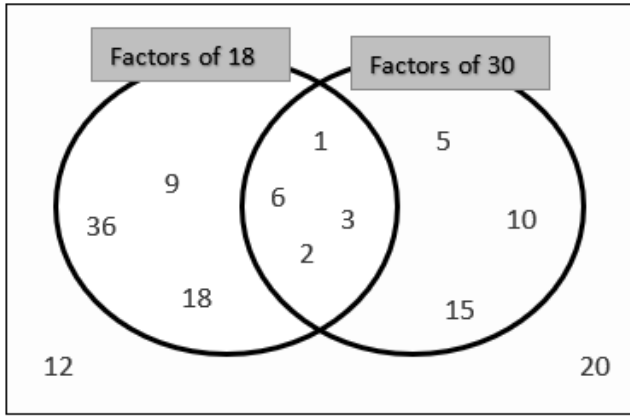
6	10
9	15
12	20

14. $9.4 - (5.1 + 2.3) = 2$

15. $4^3 + 7^2 = 113$

ANSWERS Maths Activity 3b - Factors

Practice it

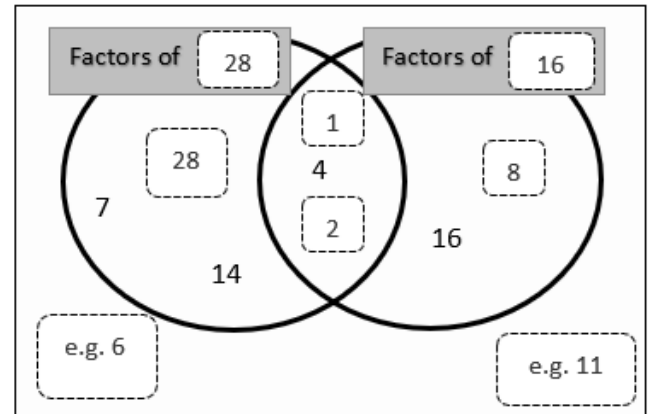
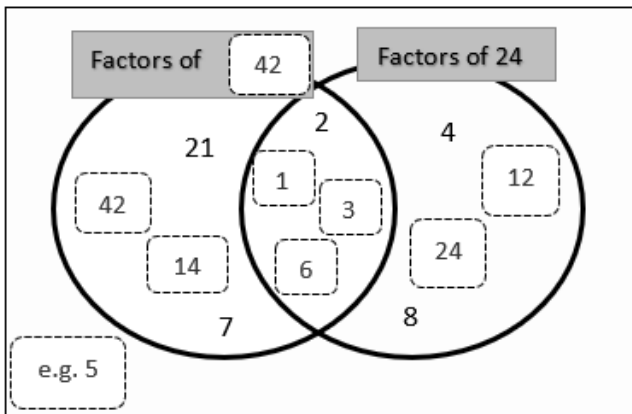


Place the following numbers correctly in the diagram above. Place the following numbers correctly in the diagram above

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3	10	20	2	36	15

15	5	3	10	30	1
12	4	9	2	45	20

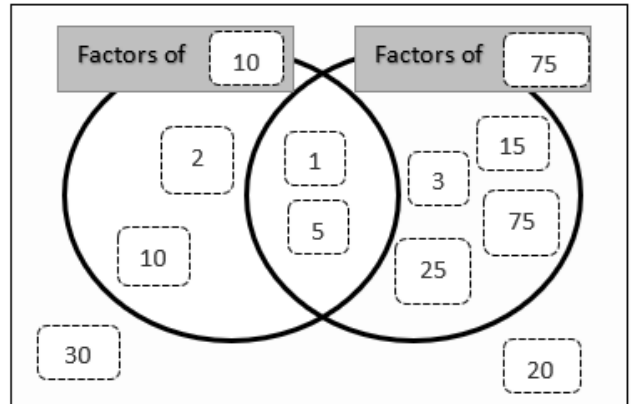
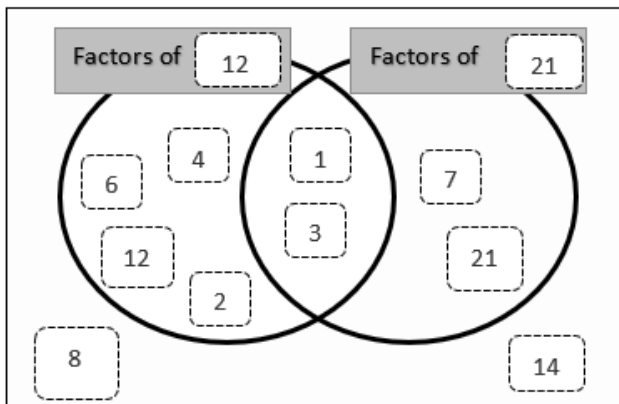
Improve it



Place numbers of your choice to satisfy the Venn Diagram.

Place numbers of your choice to satisfy the Venn Diagram.

Master it



Place these numbers correctly into the Venn Diagram above. Place these numbers correctly into the Venn Diagram above.

2	7	1	14	12	6
21	3	12	4	24	8

2	15	1	10	20	75
3	30	75	25	10	5 ₁₉

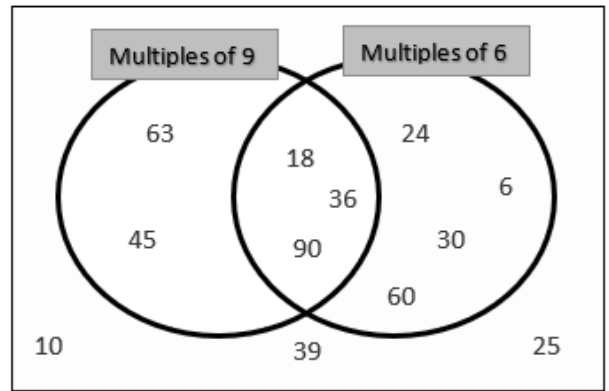
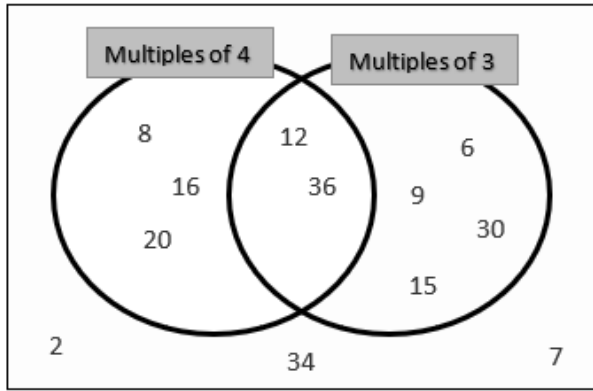
ANSWERS Maths Activity 3c and 3d - Common factors and Prime numbers

1	1
2	1, 2, 4, 8
3	1, 2, 3, 6
4	1, 3, 7

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

ANSWERS Maths Activity 3e - Multiples

Practice it

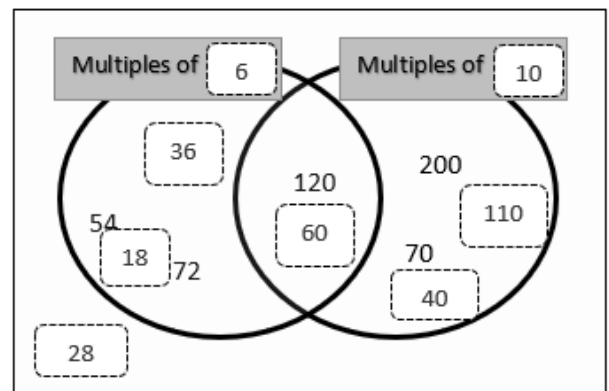
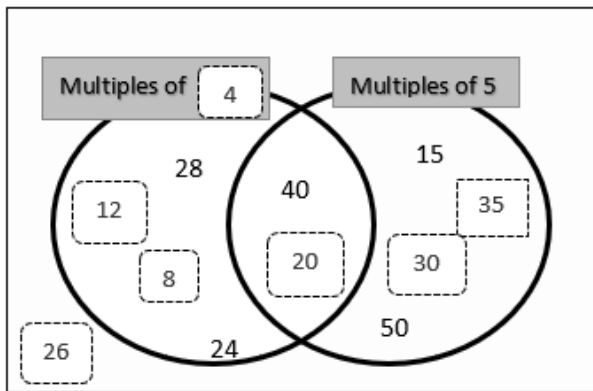


Place the following numbers correctly in the diagram above. Place the following numbers correctly in the diagram above.

8	2	6	12	9	16
30	7	15	36	20	34

24	10	6	18	39	90
30	63	25	60	45	36

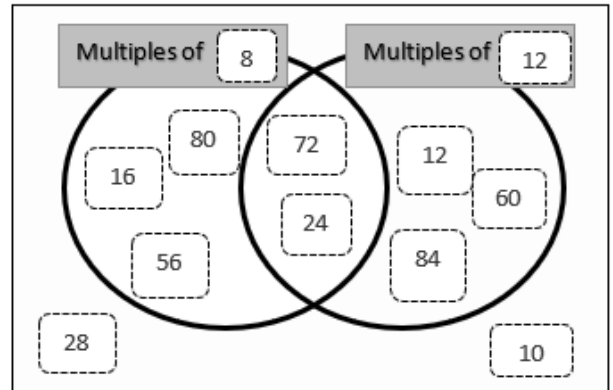
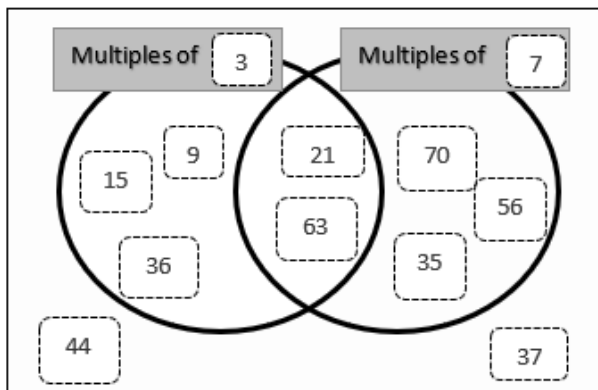
Improve it e.g.



Place numbers of your choice to satisfy the Venn Diagram.

Place numbers of your choice to satisfy the Venn Diagram.

Master it



Place these numbers correctly into the Venn Diagram above. Place these numbers correctly into the Venn Diagram above.

70	21	15	7	63	36
44	35	3	37	9	56

80	28	12	72	60	16
12	10	24	84	8	56

ANSWERS Maths Activity 3f - Common Multiples

1	Multiples of 3: 3, 6, 9, 12 Multiples of 4: 4, 8, 12 LCM of 3 and 4 = 12
2	Multiples of 3: 3, 6, 9, 12, 15, 18, 21, 24, 27 Multiples of 9: 9, 18, 27 LCM of 3 and 9 = 9
3	Multiples of 2: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 Multiples of 5: 5, 10, 15, 20, 25 LCM of 2 and 5 = 10
4	Multiples of 8: 8, 16, 24, 32, 40, 48, 56, 64 Multiples of 4: 4, 8, 12, 16, 20, 24, 28, 32 LCM of 8 and 4 = 8
5	Multiples of 6: 6, 12, 18, 24, 30, 36, 42, 48, 54 Multiples of 9: 9, 18, 27, 36, 45, 54, 63, 72, 81 LCM of 6 and 9 = 18
6	Multiples of 10: 10, 20, 30, 40, 50, 60, 70, 80 Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40 LCM of 10 and 5 = 10
7	Multiples of 11: 11, 22, 33, 44, 55, 66, 77, 88 Multiples of 6: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66 LCM of 11 and 6 = 66
8	Multiples of 7: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91 Multiples of 13: 13, 26, 39, 52, 65, 78, 91 LCM of 7 and 13 = 91