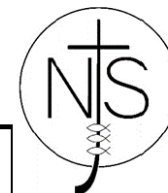




# Home Study Learning.



This page of links and ideas is to support you during this time when we are having to stay at home.

Additional to these ideas there will always be regular reading, the homework set by teachers and the use of **Times Table Rockstars** to keep you busy.

If we close teachers will also be posting daily tasks on the website to help you focus on your learning while at home.

Useful websites for online learning activities:

Year 3, 4, 5, 6 Resource Packs from Twinkl-

<https://www.twinkl.co.uk/resources/wellbeing-parents/school-closures-category-free-resources-parents/school-closures-free-resources-parents>

Classroom Secrets Resource Pack-

<https://classroomsecrets.co.uk/free-home-learning-packs/>

BBC Bitesize

<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

ICT maths and literacy games

<https://www.ictgames.com/mobilePage/literacy.html>

Myths and Legends—online stories

<http://myths.e2bn.org/about/>

Pobble 365—Pictures for inspiring writing.

<http://www.pobble365.com/>

KS 2 Home Learning Pack

<https://www.tts-group.co.uk/home+learning+activities.html>

E-Learning for Kids

<https://en.e-learningforkids.org/math/>

Don't forget the learning opportunities that can come from simple activities such as;

- Cooking and baking
- Playing board games
- Dominoes
- Drawing and painting
- Sudoku, crosswords and wordsearches
- Jigsaw puzzles
- Construction kits, lego and model making
- Growing flowers or vegetables- keeping a plant diary
- Keep a scrap book
- A garden bird watch

Children have access to e-books through :

<https://shropshiresls.wheelers.co/>

Username and password is in children's HomeLink Book.

Please look on the website for further learning activity ideas and updates from teachers!

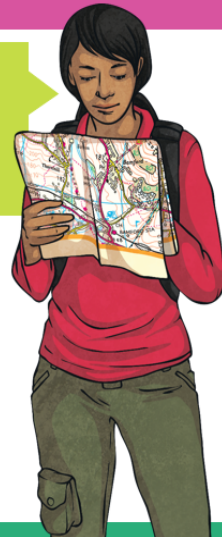
# Home Learning: To solve problems involving the scale factor.

Read the reminders below on finding the scale factor before attempting the tasks on the next slide.

## Scale

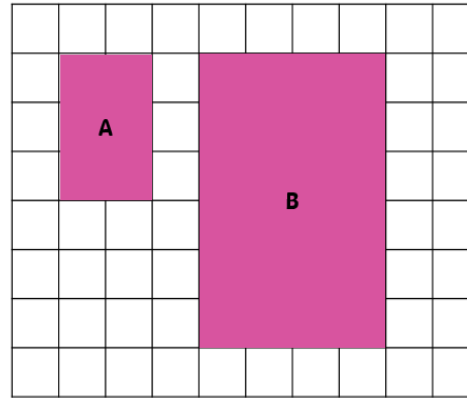
### What is Ratio?

Scale is a way of representing real things using ratio, for instance on a map you may have a ratio 1cm:100km, where every centimetre on the map represents 100km in real life.



We use scaling (reduction and enlargement) to represent simplified versions of objects and distances.

## Scale Factor

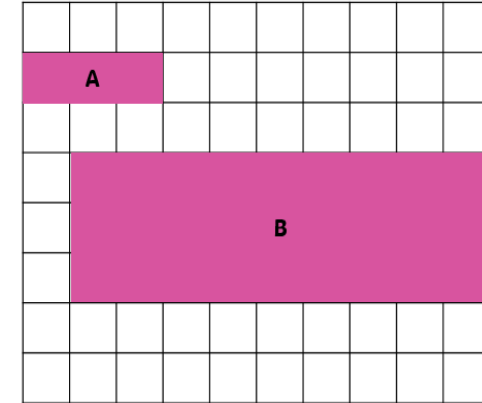


In rectangle A, the length is 3 squares and the width 2 squares.

In rectangle B, the length is 6 squares and the width 4 squares.

The width and length has doubled ( $\times 2$ ). We call this **scale factor 2**.

## Scale Factor



What scale factor has rectangle A been enlarged by?

It has been enlarged by... **scale factor 3**

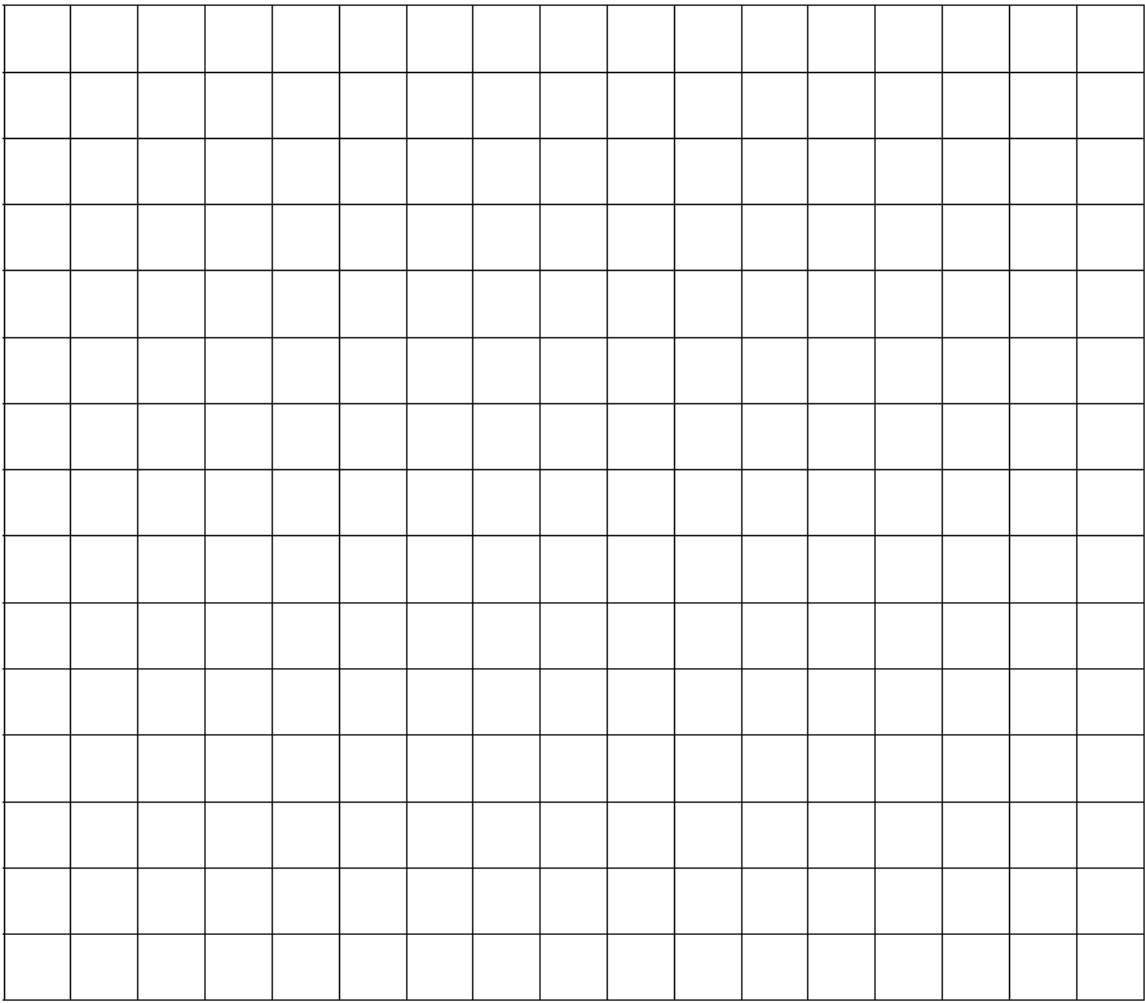


Hint: Look at how much each side has increased by.  
Has it doubled ( $\times$  by 2)  
Has it tripled ( $\times$  by 3)

If you are given a shape and a scale factor, multiply each length by this factor to find the new shape size!

On the grid, draw:

- a. a rectangle that is four squares long and three squares wide then enlarge the shape by a scale factor of two. Colour both shapes red.
- b. a square with sides of two squares then enlarge the shape by a scale factor of three. Colour both shapes blue.



Task 2

Scale Factor

Whole Class

If shape A has been enlarged by scale factor 2, what would the length and width measurements be?

A

60cm

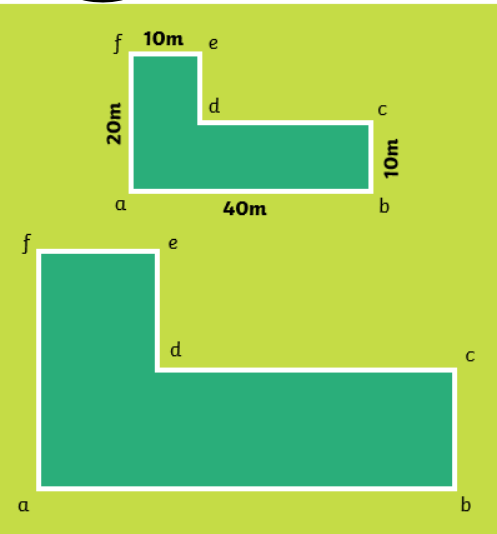
90cm

B

Task 3

Scale Factor

Whole Class



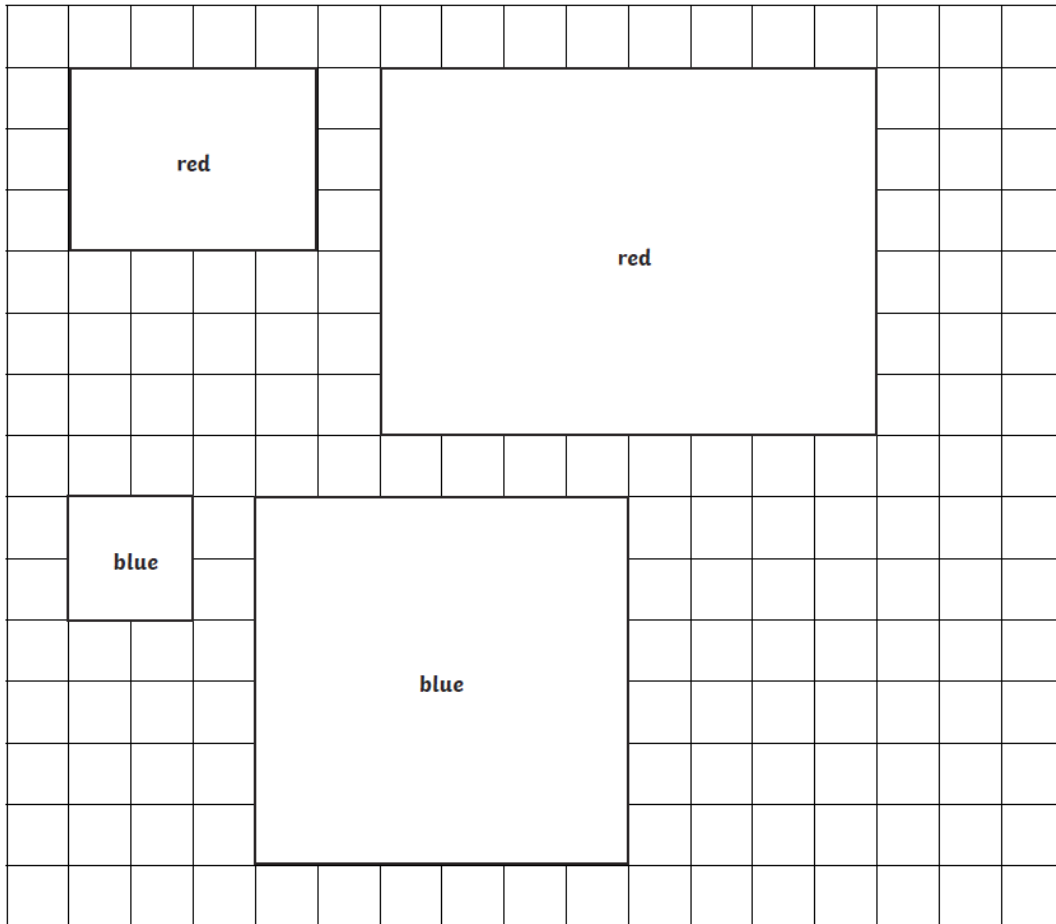
If the smaller shape has been enlarged by **scale factor 2**, what are the measurements of the sides of the enlarged shape?

- ab
- bc
- cd
- de
- ef
- fa

## Answers:

On the grid, draw:

- a rectangle that is four squares long and three squares wide then enlarge the shape by a scale factor of two. Colour both shapes red.
- a square with sides of two squares then enlarge the shape by a scale factor of three. Colour both shapes blue.



### Task 2

### Scale Factor



If shape A has been enlarged by scale factor 2, what would the length and width measurements be?



90cm

60cm

Width: 120cm

Length: 180cm

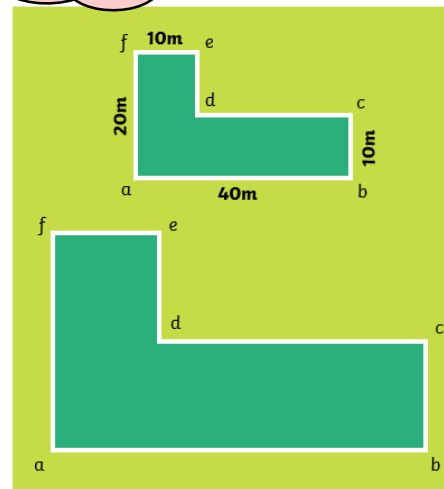
B

### Task 3

### Scale Factor



If the smaller shape has been enlarged by **scale factor 2**, what are the measurements of the sides of the enlarged shape?



ab 80m

bc 20m

cd 60m

de 20m

ef 20m

fa 40m

# English Starter

## Adding Conjunctions to Sentences

Complete the sentences below by choosing a conjunction from the boxes and writing it in the space provided.

4. while unless since

I'm sure he'll be here soon

he left early this morning

he got caught in traffic he

was on the M25.

5. and so while

the bath is running let me

listen to you read help you

practise your spellings that

we don't need to do it in the morning.

6. if because so

We will have a picnic it is

sunny we'd better check the

weather we don't want to

get rained on.

# English Starter - Answers

## Adding Conjunctions to Sentences

Complete the sentences below by choosing a conjunction from the boxes and writing it in the space provided.

4.

while    unless    since

I'm sure he'll be here soon   
he left early this morning   
he got caught in traffic  he  
was on the M25.

5.

and    so    while

the bath is running let me  
listen to you read  help you  
practise your spellings  that  
we don't need to do it in the morning.

6.

if    because    so

We will have a picnic  it is  
sunny  we'd better check the  
weather  we don't want to  
get rained on.

1. I'm sure he'll be here soon **since** he left early this morning **unless** he got caught in traffic **while** he was on the M25.
2. **While** the bath is running let me listen to you read **and** help you practise your spellings **so** that we don't need to do it in the morning.
3. We will have a picnic **if** it is sunny **so** we'd better check the weather **because** we don't want to get rained on.



# Tuesday's English for Year 6

*L.O: To plan a sequence of events.*

Today you are going to plan the sequence of events for your story. You need to think clearly about where your suspects will fit in; where the clues need to go so that your detective solves the problem.

This is the final planning stage before we begin to write the story.

Think about where you can add an atmosphere and tension!

## Sequence of Events

Using the boxes below, briefly describe the main events in your story, ending with the solution to the mystery.

*\*If there are not enough boxes, attach an additional sheet of paper.*

1.

2.

3.

4.

5.

6.

7.

8.



# Today's other activity:

L.O: To develop map reading skills.

Using the map of South America, can you answer the following questions? (The answers are on the following slide). *A larger image is available on the website.*

1. Name the countries in South America.
2. What is the capital city of Brazil?
3. Name 3 rivers in Brazil.
4. Which countries have the Andes Mountains running through them?
5. Which countries in South America are on the equator?
6. What is the capital city of Ecuador?
7. What oceans lie either side of South America?
8. Which mountain lake lies on the border between Bolivia and Peru?





# South America Map-Reading **Answers**

1. Name the countries in South America.

**Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela, French Guiana (Please note: French Guiana is actually a region of France, not a separate country – this may be an interesting teaching point to share with students when discussing the geography of South America.)**

2. What is the capital city of Brazil?

**The capital city of Brazil is Brasilia.**

3. Name three rivers in Brazil.

**Any three of the following: Amazon, Madeira, Araguaia, Negro, Purus, Tapajós, Xingu, Sao Francisco, Paraná**

4. Which countries have the Andes Mountains running through them?

**The Andes mountains run through Venezuela, Colombia, Ecuador, Peru, Bolivia, Argentina and Chile.**

5. Which countries in South America are on the equator?

**The countries along the equator line are Ecuador, Colombia and Brazil.**

6. Name the capital city in Ecuador which is on the equator.

**The capital city of Ecuador is Quito.**

7. Which oceans lie either side of South America?

**The oceans that lie either side of South America are the Pacific Ocean and the Atlantic Ocean.**

8. Which mountain lake lies on the border between Bolivia and Peru?

**Lake Titicaca lies on the border between Bolivia and Peru.**