Hello year 5,

Welcome to another week of home learning, it was lovely to speak to some of you on the phone last week and I'm glad that you have all been keeping busy and have settled into a new 'normal' routine which works for you as a family. As always you can complete the tasks in any order and all the answers are provided at the back of the presentation so you can self-mark (no cheating though!).

Please remember that you are more than welcome to print off the presentation but you **do not** need to, you can just use it from a screen and then write your answers down either in your homework books or on a piece of paper. The message we're sending to you all (including your adults) is: "Do what you can, when you can and don't put too much pressure on yourselves." As always it is also important to take the time to relax, exercise and to be kind to yourselves and everyone else in your house.

Remember today is another day closer to the Howley family being reunited. Stay positive and keep smiling.

Best wishes,

Miss Savage and Mrs Montgomery

Try this new reading challenge!

Sharing the Love of Reading: 9-11-year olds

The Open University

1. Can I spend some time reading in every room in my house?

2. Can I read a story or poem to a family member I don't live with?

3. Can I find a book not published yet and spread the word?

4. Can I recreate a favourite book or comic cover?

5. Can I create a special family reading time for everyone in my home?

6. Can I...

7. Can I ask an adult about a book they remember from school?

8. Can I...

9. Can I rearrange my bookshelf by colour, genre or size?

10. Can I make an A-Z of authors, book titles or favourite characters?

11. Can I find new facts about ... (choose) and share these?

12. Can I find an online video of an illustrator drawing and draw along?

13. Can I talk about a favourite story online with a friend?

14. Can I note everything I read one day on a timeline?

RfP

MAYFLOWER COMMUNITY ACADEMY & NURSERY

Remember to read at home!

You should be aiming to read for **_at least 20 minutes every day_**.

Remember, you can now 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 [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz – just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

DAILY PHYSICAL EXERCISE

Do you remember Pokémon yoga? We know how much you enjoyed it, so here's the YouTube link:
https://www.youtube.com/watch?v=tbCjkPlsaes
Or
Go to the 'Cosmic Kids' channel on YouTube and choose a different yoga program, there are loads from Minecraft to Stars Wars. Remember yoga can enhance strength, co-ordination and flexibility, while encouraging body awareness and self-esteem. Why not give it a go?
https://www.youtube.com/playlist?list=PL8snGkhBF7nh7p25Xj BHvwrhttb3zBlxk

On YouTube you can search for lots of different 'Just Dance' videos using the link below.

Why not select a few of your favourite songs and learn the routines for them?

https://www.youtube.com/user/justdancegame

MATHS

1. Which of the following is **not** a multiple of 2?

    22, 11, 45, 88, 34

2. £25.00 – £23.50 =

3. 5645 + 875 =

4. A square has 6cm sides, what is the area?

5. 24 x 3 =

6. Find the sum of £1250 and £3940.

7. Write a 4-digit number with 3 in the hundreds column.

8. 10^2 =

9. 253 x 3 =

10. What is 100 more than 9308?

MATHS

WALT: understand equivalent fractions.

For the rest of the week in maths we are going to recap our work on fractions.

Use the following link to White Rose Maths Home Learning Yr.5 and watch the video Summer Term: Week 4: Lesson 2: Equivalent fractions (It doesn't matter that it says W/C 11th May, we are continuing on from last week).

https://whiterosemaths.com/homelearning/year-5/

Although we have looked at this before, the video explains the concept in different ways and you can pause, rewind or fast forward it at any time. There are questions for you to think about during the video, it may be helpful for you to answer these questions as you go, but you don't have to write down the answers to these if you don't want to.

You may want to watch all the video first and then attempt the questions on the following slides, however, if you look at the worksheet and feel confident to attempt without watching the video, then that is fine. Remember you can use the answers (which are at the end of the presentation) to self-mark-if you've made lots of errors and you didn't watch all of the video-it is essential you watch it next time.

As we are not there to check your understanding throughout the lesson, instead of having challenges for you to move on to, we have used the stars slightly differently. You will see the question numbers which we'd like you to concentrate on. Start with the star you often start on, in maths, and then you can always continue on if you feel confident but **do not** pressure yourself to.

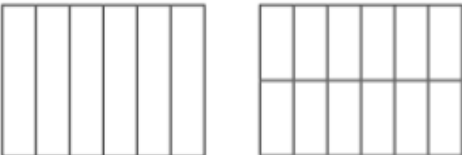Questions 1-3 ☆

Questions 1-5 ☆☆

Questions 1-9 ☆☆☆

Equivalent fractions

1 Shade the shapes to show the equivalent fractions.

a)

$\frac{1}{4} = \frac{\boxed{}}{12}$

b)

$\frac{3}{4} = \frac{\boxed{}}{12}$

c)

$\frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

d)

$\frac{5}{6} = \frac{\boxed{}}{\boxed{}}$

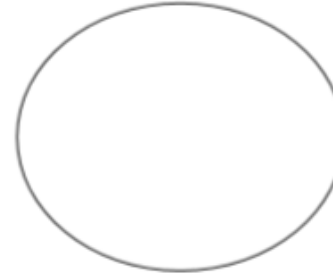**2** Draw two rectangles to show that $\frac{1}{3} = \frac{4}{12}$

3 a) Sort the fractions into the groups.
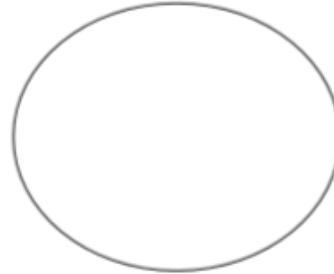
Equivalent to $\frac{1}{4}$ Equivalent to $\frac{1}{3}$

$\frac{5}{15}$ $\frac{2}{6}$ $\frac{3}{12}$ $\frac{6}{24}$ $\frac{8}{24}$ $\frac{5}{20}$ $\frac{4}{12}$ $\frac{2}{8}$

b) Write one more fraction in each group.

4 Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{\boxed{}}{14}$ d) $\frac{3}{4} = \frac{6}{\boxed{}}$ g) $\frac{2}{\boxed{}} = \frac{10}{15}$

b) $\frac{5}{7} = \frac{\boxed{}}{14}$ e) $\frac{3}{4} = \frac{12}{\boxed{}}$ h) $\frac{2}{\boxed{}} = \frac{10}{25}$

c) $\frac{7}{8} = \frac{14}{\boxed{}}$ f) $\frac{3}{4} = \frac{\boxed{}}{12}$ i) $\frac{2}{7} = \frac{10}{\boxed{}}$

j) Describe the pattern in part g), h) and i) to a partner.

5 Find three ways to make the fractions equivalent.

a) $\dfrac{1}{\Box} = \dfrac{7}{\Box}$ b) $\dfrac{7}{\Box} = \dfrac{14}{\Box}$ c) $\dfrac{\Box}{7} = \dfrac{\Box}{14}$

$\dfrac{1}{\Box} = \dfrac{7}{\Box}$ $\dfrac{7}{\Box} = \dfrac{14}{\Box}$ $\dfrac{\Box}{7} = \dfrac{\Box}{14}$

$\dfrac{1}{\Box} = \dfrac{7}{\Box}$ $\dfrac{7}{\Box} = \dfrac{14}{\Box}$ $\dfrac{\Box}{7} = \dfrac{\Box}{14}$

6 Ron is finding equivalent fractions to $\dfrac{1}{4}$

$\dfrac{1}{4}$ is equivalent to $\dfrac{5}{8}$ and $\dfrac{9}{12}$

Do you agree with Ron? _____

Draw a diagram to support your answer.

Compare answers with a partner.

7 Here are some equivalent fractions.

Find the values of A, B and C.

$\dfrac{A}{9}$ $\dfrac{3}{B}$ $\dfrac{2}{18}$ $\dfrac{C}{90}$

A = $\Box$ B = $\Box$ C = $\Box$

8 Here are three fraction cards.

All the fractions are equivalent.

$\dfrac{3}{A}$ $\dfrac{B}{14}$ $\dfrac{12}{C}$

A + B = 13

Work out the value of C.

C = $\Box$

9 $\dfrac{1}{5} = \dfrac{3}{1 + \bullet}$

Find the value of $\bullet$

$\bullet$ = $\Box$

ENGLISH

Today we are going to be answering questions on the text 'The Promise' by Nicola Davies.

Task 1: Listen to a story.

Listen to Nicola Davies reading her book 'The Promise' using the link below:

https://vimeo.com/73026206

What did you notice about the story and how she read it? Was it as you expected?

Task 2: Answer questions about the story.

Using slide 10 read and think about **'The Promise Questions'**. Write your answers in clear sentences.

'The Promise' Questions

1. How did the story make you feel? Can you explain why?
2. What does the story make you think about?
3. What has happened to you that is most like this story?
4. How is the main character changed in the story?
5. What changes does the main character cause?
6. In what ways is this story realistic?
7. In what ways is this story imaginary?
8. What lessons could someone learn from this story?

GEOGRAPHY

Q: How do the time zones of North America differ and how do they compare to other time zones around the world?

Includes resources from Plan Bee

What time is it right now where we are? What time is it in Mexico? Is it the same?


Different parts of the world have different time zones. This means that when it is midday for us, somewhere in the world it will be midnight, somewhere else in the world it will be 7am and somewhere else it will be 5pm.

Why do we have different time zones?

Because the Earth rotates on its axis once every 24 hours, dawn and dusk happen at different times in different places in the world. When it is day in one half of the world, it is night in the other half.

If everyone followed the same time, some people would be eating breakfast at 7am when the sun was setting and others would be going to bed at 10pm when the sun was rising!
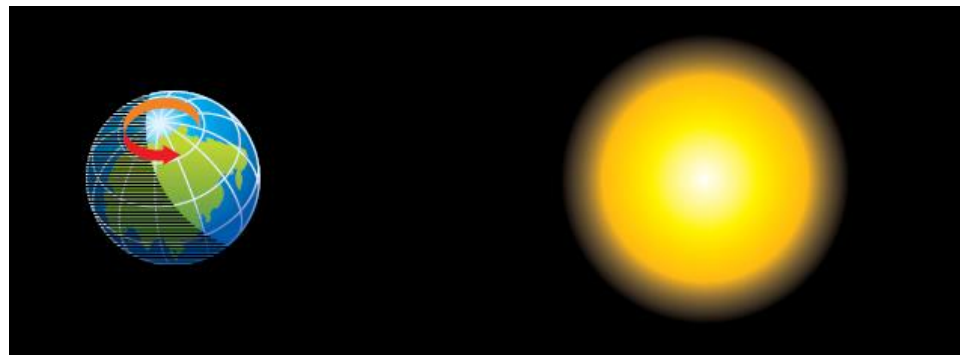
There is an imaginary line that runs down from the North Pole to the South Pole through the Royal Observatory in Greenwich, London which is known as the Greenwich Meridian. This line separates the east from the west in the same way that the equator separates the north from the south.

The Greenwich Meridian is linked to Greenwich Mean Time (GMT). All the time zones in the world are calculated in relation to GMT and are either up to 12 hours ahead or 12 hours behind GMT.

14

This map shows the time zones of the world. All the countries in red in the '0' section follow Greenwich Mean Time (GMT). This includes the UK, Portugal and parts of west Africa. As you travel east, you add an hour for each time zone. In the GMT+1 time zone, for example, if it is 10am in the UK, it is 11am in the GMT+1 time zone, such as Sweden. As you travel west, you take away an hour for each time zone. In the GMT-1 time zone, for example, if it is 10am in London, it is 9am in the GMT-1 time zone.

15

Use the 'North America Time Zone Map' on slide 17 to help you find the answers to these questions.

1. If it is 11am in London, what time is it in Washington, D.C.?

2. If it is 3pm in London, what time is it in Mexico City?

3. If it is midnight in London, what time is it in Anchorage?

4. If it is midday in London, what time is it in Edmonton?

5. If it is 9am in Dawson, what time is it in London?

6. If it is 1pm in Santo Domingo, what time is it in London?

7. If it is 4pm in Los Angeles, what time is it in Havana?

8. If it is 7am in Anchorage, what time is it in Winnipeg?

9. If it is 2pm in Dallas, what time is it in Los Angeles?

10. If it is 5am in Washington, D.C., what time is it in Denver?

11. If it is midnight in Paris, what time is it in Mexico City?

12. If it is 10am in Cairo, what time is it in Anchorage?

13. Javi lives in Havana and his sister Maria lives in London. What might Javi be doing when his sister is eating breakfast at 7am?

14. Mel lives in Anchorage and wants to call her friend in Washington, D.C. at 9pm Mel's time. Is this a good idea? Why or why not?

15. Jonah flies from Dallas to London. He leaves Dallas at 9pm. The flight takes 9 hours. What time is it in London when he gets there?

North America Time Zone Map

www.planbee.com

ANSWERS

MATHS

10-4-10 ANSWERS

1. Which of the following is not a multiple of 2?
   22, 11, 45, 88, 34

2. £25.00 – £23.50 = £1.50

3. 5645 + 875 = 6520

4. A square has 6cm sides, what is the area?
   36cm^2

5. 24 x 3 = 72

6. Find the sum of £1250 and £3940 = £5190

7. Write a 4-digit number with 3 in the hundreds column. _3_ _

8. 10^2 = 100

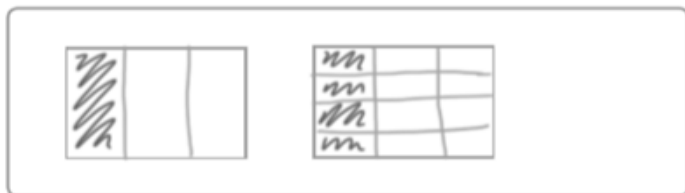9. 253 x 3 = 759

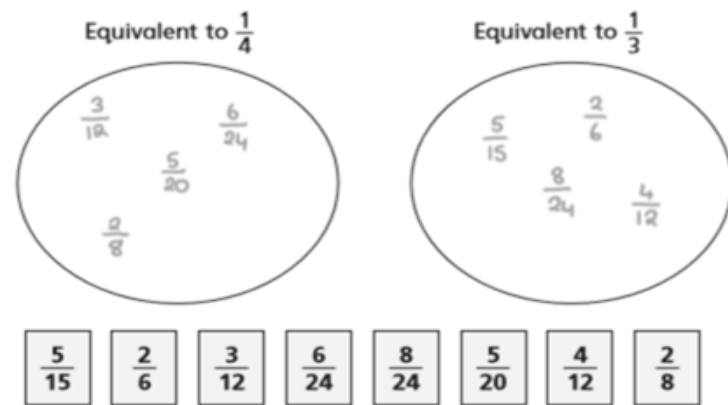10. What is 100 more than 9308?
    9408

Equivalent fractions

1 Shade the shapes to show the equivalent fractions.

a)

$\frac{1}{4} = \frac{3}{12}$

b)

$\frac{3}{4} = \frac{9}{12}$

c)

$\frac{1}{6} = \frac{2}{12}$

d)

$\frac{5}{6} = \frac{10}{12}$

2 Draw two rectangles to show that $\frac{1}{3} = \frac{4}{12}$

3 a) Sort the fractions into the groups.

Equivalent to $\frac{1}{4}$

$\frac{3}{12}$ $\frac{6}{24}$ $\frac{5}{20}$ $\frac{2}{8}$

Equivalent to $\frac{1}{3}$

$\frac{5}{15}$ $\frac{2}{6}$ $\frac{8}{24}$ $\frac{4}{12}$

$\boxed{\frac{5}{15}}$ $\boxed{\frac{2}{6}}$ $\boxed{\frac{3}{12}}$ $\boxed{\frac{6}{24}}$ $\boxed{\frac{8}{24}}$ $\boxed{\frac{5}{20}}$ $\boxed{\frac{4}{12}}$ $\boxed{\frac{2}{8}}$

b) Write one more fraction in each group.

4 Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{2}{14}$

b) $\frac{5}{7} = \frac{10}{14}$

c) $\frac{7}{8} = \frac{14}{16}$

d) $\frac{3}{4} = \frac{6}{8}$

e) $\frac{3}{4} = \frac{12}{16}$

f) $\frac{3}{4} = \frac{9}{12}$

g) $\frac{2}{3} = \frac{10}{15}$

h) $\frac{2}{5} = \frac{10}{25}$

i) $\frac{2}{7} = \frac{10}{35}$

j) Describe the pattern in part g), h) and i) to a partner.

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MATHS ANSWERS

5 Find three ways to make the fractions equivalent.

e.g.

a) $\frac{1}{2} = \frac{7}{14}$ b) $\frac{7}{7} = \frac{14}{14}$ c) $\frac{1}{7} = \frac{2}{14}$

$\frac{1}{8} = \frac{7}{56}$ $\frac{7}{1} = \frac{14}{2}$ $\frac{5}{7} = \frac{10}{14}$

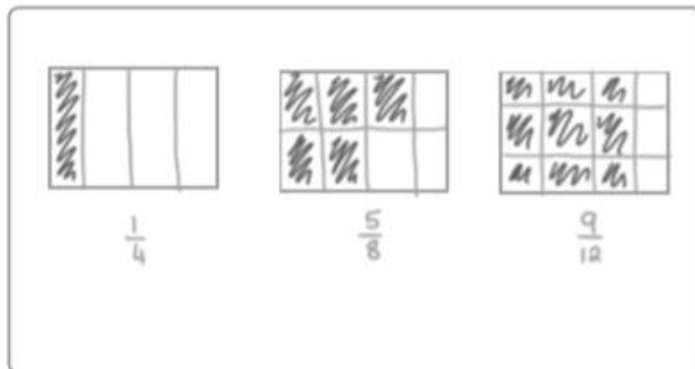$\frac{1}{100} = \frac{7}{700}$ $\frac{7}{10} = \frac{14}{20}$ $\frac{21}{7} = \frac{42}{14}$

6 Ron is finding equivalent fractions to $\frac{1}{4}$

> $\frac{1}{4}$ is equivalent to $\frac{5}{8}$ and $\frac{9}{12}$

Do you agree with Ron? __No__

Draw a diagram to support your answer.

$\frac{1}{4}$ $\frac{5}{8}$ $\frac{9}{12}$

Compare answers with a partner.

7 Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$ $\frac{3}{B}$ $\frac{2}{18}$ $\frac{C}{90}$

A = 1   B = 27   C = 10

8 Here are three fraction cards.

All the fractions are equivalent.

$\frac{3}{A}$ $\frac{B}{14}$ $\frac{12}{C}$

A + B = 13

Work out the value of C.

C = 28

9 $\frac{1}{5} = \frac{3}{1+\bullet}$

Find the value of $\bullet$

$\bullet$ = 14

GEOGRAPHY ANSWERS

1. If it is 11am in London, what time is it in Washington, D.C.?

6AM

2. If it is 3pm in London, what time is it in Mexico City?

8AM

3. If it is midnight in London, what time is it in Anchorage?

2PM

4. If it is midday in London, what time is it in Edmonton?

5AM

5. If it is 9am in Dawson, what time is it in London?

5PM

6. If it is 1pm in Santo Domingo, what time is it in London?

5PM

7. If it is 4pm in Los Angeles, what time is it in Havana?

7PM

8. If it is 7am in Anchorage, what time is it in Winnipeg?

10AM

9. If it is 2pm in Dallas, what time is it in Los Angeles?

MIDDAY

10. If it is 5am in Washington, D.C., what time is it in Denver?

3AM

11. If it is midnight in Paris, what time is it in Mexico City?

5PM

12. If it is 10am in Cairo, what time is it in Anchorage?

10PM

13. Javi lives in Havana and his sister Maria lives in London. What might Javi be doing when his sister is eating breakfast at 7am?

SLEEPING

14. Mel lives in Anchorage and wants to call her friend in Washington, D.C. at 9pm Mel's time. Is this a good idea? Why or why not?

THIS IS A GOOD IDEA AS IT WILL BE 5PM IN WASHINGTON, D.C. AT MEL'S TIME

15. Jonah flies from Dallas to London. He leaves Dallas at 9pm. The flight takes 9 hours. What time is it in London when he gets there?

MIDDAY