

W/C:  
15th  
June

Complete the Year 3 Maths daily activities on White Rose maths.  
<https://whiterosemaths.com/homelearning/>

Summer Term Week 8

**Monday** - Order Fractions  
**Tuesday** - Add Fractions  
**Wednesday** - Subtract Fractions  
**Thursday** - Problem Solving with Fractions  
**Friday** - Complete maths challenge sheet (Page 12)

Watch the video clip then answer the questions in your books. Worksheets are attached below.

Also have a look at  
<https://www.bbc.co.uk/bitesize/dailylessons>

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TT Rockstars  
20 mins x 5  
(Arena or Garage)

RMEasimaths  
20 mins x5

Sumdog  
20 mins x5

Lexia or IDL - 20 mins x 5

Listen to Chapter 1 of the Iron Man:  
<https://www.youtube.com/watch?v=ycgA-7udHs>

**Monday:** Answer comprehension questions about Ch 1 (Page 10)  
**Remember to write in full sentences!**

**Tuesday:** Listen to Chapter 2 of Iron Man  
<https://www.youtube.com/watch?v=8TvcRzzzs44>

**Wednesday:** How many adjectives can you think of to describe Iron Man?  
**Challenge: Can you think of any similes?**

**Thursday:** Write a character description of Iron Man  
**Remember to include the adjectives you thought of yesterday about what Iron Man looks like and his personality. Can you include a simile to make your description more exciting!**

**Friday:** Complete the SPAG mat (Pg 11)

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Complete the Year 3 English daily activities on BBC bitesize – looks at a range of grammar – these can be done in your workbooks.

Useful links

<https://www.rmeasimaths.com/> <https://trockstars.com/> <https://appuk.idlsgroup.com/#/login>

Natures Paintbrushes Experiment



(See page 13)

Wellbeing

Complete the wellbeing lesson on BBC bitesize – this can be done in your workbook.

<https://www.bbc.co.uk/bitesize/articles/zmmgrj6>



Powerpoint Presentations

Create a powerpoint presentation with 5 slides all about you and your family.

Examples you can include:

Family members  
Pictures  
Hobbies/Interests

Activity 1: Draw a portrait of Iron Man



Activity 2: Create a 'Happiness Jar' - Think of something that makes you happy everyday. Write them down and add them to your jar. TIP: If you're having a day where you miss your family and friends, pick out one of your notes!

Keep Smiling

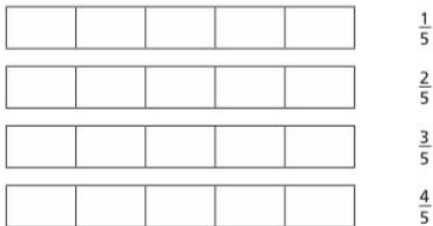


If you need to speak to Miss Gleadell or Miss Hazlewood please email us on [yr3teacher@unity.fact.org.uk](mailto:yr3teacher@unity.fact.org.uk)

We look forward to seeing your work either by email or on twitter @Miss\_Gleadell @Miss\_Hazlewood or @UnityPhase2.

## Order fractions

- 1 a) Shade the bar models to represent the fractions.

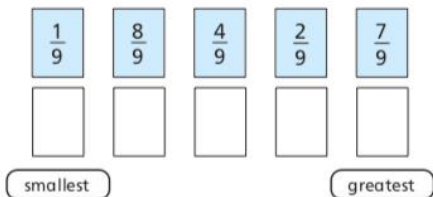


- b) What do you notice?

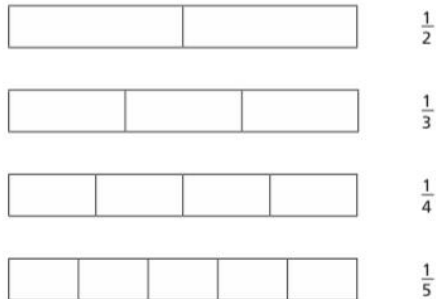
- c) Complete the sentence.

When fractions have the same \_\_\_\_\_, the \_\_\_\_\_ the \_\_\_\_\_ the \_\_\_\_\_ the fraction.

- 2 Write the fractions in order, starting with the smallest.



- 3 a) Shade the bar models to represent the fractions.

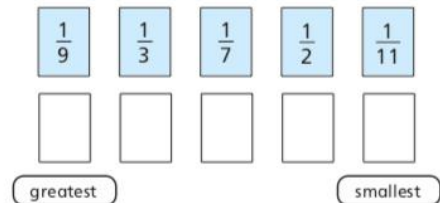


- b) What do you notice?

- c) Complete the sentence.

When fractions have the same \_\_\_\_\_, the \_\_\_\_\_ the \_\_\_\_\_ the \_\_\_\_\_ the fraction.

- 4 Write the fractions in order, starting with the greatest.



- 5 Tommy and Dora are ordering fractions.

$\frac{1}{5}$	$\frac{4}{15}$	$\frac{2}{3}$	$\frac{7}{15}$
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Tommy

I cannot order these fractions because the numerators and denominators are different.

I think I can use equivalent fractions to help me.



Dora

Who do you agree with? \_\_\_\_\_

Talk about it with a partner.

- 6 a) Complete the equivalent fractions.

$$\frac{3}{5} = \frac{6}{\square}$$

$$\frac{2}{9} = \frac{6}{\square}$$

$$\frac{1}{9} = \frac{6}{\square}$$

- b) Write the fractions in order, starting with the greatest.

$\frac{6}{9}$	$\frac{3}{5}$	$\frac{1}{7}$	$\frac{2}{9}$
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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greatest

smallest

- 7 Dexter and Alex are ordering fractions from smallest to greatest.

$\frac{1}{7}$	$\frac{2}{21}$	$\frac{4}{35}$	$\frac{2}{7}$
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- a)



Dexter

I am going to make the numerators the same.

Use Dexter's method to put the fractions in order.

- b)

I am going to make the denominators the same.



Alex

Use Alex's method to put the fractions in order.

- c) Which method do you prefer? Talk about it with a partner.

# Add fractions



1 Complete the additions.

Use the bar models to help you.

a)  $\frac{1}{3} + \frac{1}{3} = \square$

b)  $\frac{1}{5} + \frac{1}{5} = \square$

c)  $\frac{1}{5} + \frac{2}{5} = \square$

d)  $\frac{1}{5} + \frac{3}{5} = \square$

2 Shade the circles and complete the additions.

a)  $\frac{1}{8} + \frac{3}{8} = \square$

b)  $\frac{5}{8} + \frac{1}{8} = \square$

c)  $\frac{3}{8} + \frac{3}{8} = \square$

d)  $\frac{5}{8} + \frac{3}{8} = \square$

3 Complete the part-whole models.

a)

c)

b)

Which part-whole model is the odd one out? \_\_\_\_\_  
Talk about your choice with a partner. Did they choose the same odd one out?



- 4 Alex and Huan are eating a cake.

Alex eats  $\frac{4}{7}$  of the cake.

Huan eats  $\frac{2}{7}$  of the cake.

What fraction of the cake have they eaten altogether?

They have eaten  of the cake altogether.

- 5 Teddy is adding fractions.



$$\frac{1}{4} + \frac{2}{4} = \frac{3}{8}$$

- a) Draw a bar model to show that Teddy is wrong.

- b) Complete the addition  $\frac{1}{4} + \frac{2}{4} =$



- 6 Annie has baked 12 muffins.

She puts them into 2 boxes.



What fraction of the muffins could she put in each box?

Complete the table to show different possibilities.

One has been done for you.

Box 1	Box 2
$\frac{1}{12}$	$\frac{11}{12}$

Are there any other possibilities? Talk about it with a partner.

- 7 Complete the additions.

a)  $\frac{3}{8} + \frac{4}{8} =$

d)  $\frac{3}{103} + \frac{4}{103} =$

b)  $\frac{3}{9} + \frac{4}{9} =$

e)  $\frac{5}{31} + \frac{9}{31} =$

c)  $\frac{3}{29} + \frac{4}{29} =$

f)  $\frac{17}{111} + \frac{33}{111} =$




## Subtract fractions

1 Complete the subtractions.

Use the bar models to help you.

a)   $\frac{2}{3} - \frac{1}{3} = \square$

b)   $\frac{2}{5} - \frac{1}{5} = \square$

c)   $\frac{3}{5} - \frac{1}{5} = \square$

d)   $\frac{4}{5} - \frac{1}{5} = \square$

2 Jack has  $\frac{7}{8}$  of a chocolate bar.

He eats  $\frac{4}{8}$  of the chocolate bar.

What fraction of the chocolate bar does he have left?

Jack has  of the chocolate bar left.



3 Complete the subtractions.

Simplify your answers where possible.

a)  $\frac{7}{10} - \frac{1}{10} = \square = \square$

e)  $\frac{8}{12} - \frac{4}{12} = \square = \square$

b)  $\frac{7}{10} - \frac{2}{10} = \square = \square$

f)  $\frac{9}{12} - \frac{5}{12} = \square = \square$

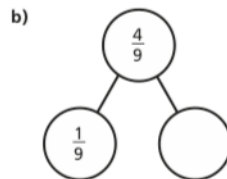
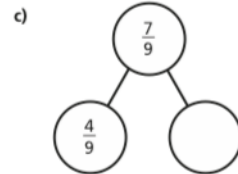
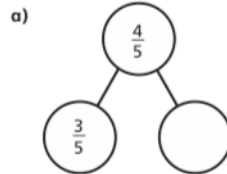
c)  $\frac{7}{10} - \frac{3}{10} = \square = \square$

g)  $\frac{9}{59} - \frac{5}{59} = \square$

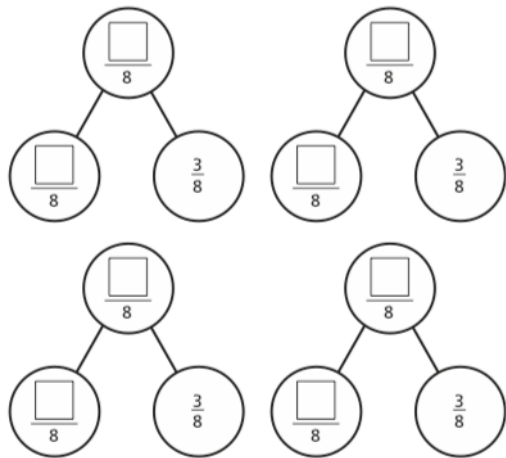
d)  $\frac{7}{12} - \frac{3}{12} = \square = \square$

h)  $\frac{13}{127} - \frac{9}{127} = \square$

4 Complete the part-whole models.



- 5 Complete the part-whole model in four different ways.



- 6 Kim has read  $\frac{6}{7}$  of her book.

Tom has read  $\frac{2}{7}$  of his book.

- a) Shade the bar models to represent this information.



- b) How much more has Kim read than Tom?

Kim has read  more of her book than Tom.

- 7 Write the missing numerators.

a)  $\frac{8}{9} - \frac{\square}{9} = \frac{7}{9}$

e)  $\frac{7}{10} - \frac{5}{10} = \frac{1}{10} + \frac{\square}{10}$

b)  $\frac{5}{11} - \frac{\square}{11} = \frac{4}{11}$

f)  $\frac{\square}{4} - \frac{1}{4} = \frac{1}{4} + \frac{1}{4}$

c)  $\frac{8}{9} - \frac{\square}{9} = \frac{3}{9} + \frac{4}{9}$

g)  $\frac{\square}{5} - \frac{2}{5} = \frac{1}{5} + \frac{2}{5}$

d)  $\frac{7}{9} - \frac{5}{9} = \frac{\square}{9} - \frac{4}{9}$

h)  $\frac{4}{5} + \frac{1}{5} = \frac{3}{7} - \frac{2}{7} + \frac{\square}{7}$

- 8 Complete the table to show three possible values of the square and triangle.

		$= \frac{13}{92}$
$\frac{\square}{92}$	$-\frac{\square}{92}$	$= \frac{\square}{92}$


How many other answers can you find?



## Three Cards

### The Problem

Here are some fraction cards.



- Each fraction has 7 as the denominator.
- A is twice as big as B.
- The sum of the cards is 1

What could the cards be?

### My Solution

## The Symbol

### The Problem

The symbol  means

Double the first number and then subtract the second number

Calculate

$$\frac{2}{5} \star \frac{3}{5}$$

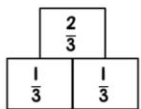
### My Solution



## Pyramids 1

## The Problem

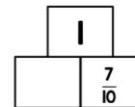
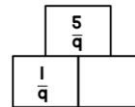
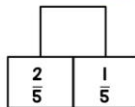
Here is a fraction pyramid.



The number above is calculated by adding the two fractions below.

Work out the missing numbers in the pyramids opposite.

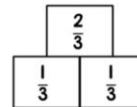
## My Solution



## Pyramids 2

## The Problem

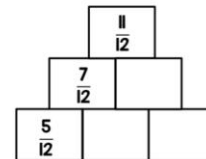
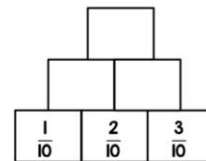
Here is a fraction pyramid.



The number above is calculated by adding the two fractions below.

Work out the missing numbers in the pyramids opposite.

## My Solution



## Total Length

## The Problem

This line is  $\frac{3}{20}$  of a metre long.



This line is  $\frac{4}{20}$  metre longer than the line above.



What is the total length of the two lines?

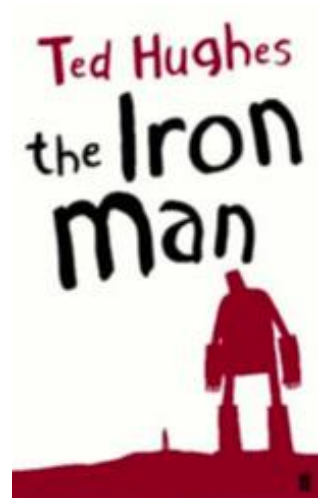
Can you write your answer in cm too?

## My Solution

# Iron Man

## Chapter 1 - Comprehension

1. Do you think the Iron Man is a good character? Explain why...
2. The Iron Man falls over the cliff. Which part of him breaks off first?
3. What did the seagulls think was “a strange kind of crab?”
4. “Nobody knew the Iron Man had fallen.” Why not?
5. What is the Iron Man thinking about when he stands looking out to sea?



**Section 1**

Choose the best conjunction to fill the gap in each sentence:

- a. You will not be allowed into the cinema \_\_\_\_\_ you have a ticket.
- b. He took the penalty \_\_\_\_\_ he had hurt his leg.
- c. They lit the camp fire \_\_\_\_\_ it was getting cold.

**Section 2**

Mr Whoops has accidentally jumbled up TWO preposition words. Can you help him to unjumble them?

duren      webenet



**Section 3**

Can you write TWO pairs of homophones to match the clues?

The brightest star in the sky:  
\_\_\_\_\_

Someone's child that is a boy:  
\_\_\_\_\_

A large mammal: \_\_\_\_\_

Completely naked: \_\_\_\_\_

**Section 4**

Look at the picture. Can you add appropriate adverbs to this sentence?

During the hurricane, the wind blew \_\_\_\_\_, which caused the trees to sway \_\_\_\_\_.



**Section 5**

Can you write the plural forms of these singular nouns?

fox - \_\_\_\_\_

fly - \_\_\_\_\_

puppy - \_\_\_\_\_

**Section 6**

Can you improve this sentence by adding an expanded noun phrase, a conjunction and extra detail?



The house stood on the hill.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Maths Problem Cards

## Challenge Cards

Logan has a jar with 70 sweets in.

He eats 27 sweets.

How many sweets are left?

Ellie gets 30p pocket money every week.

She wants to buy a toy for £2.70.

How many weeks must she save for to buy the toy?

Jude starts watching a film at quarter past five.  
The film is 1 hour and twenty minutes long.

What time will the film finish?

# Nature's Paintbrushes

## You will need:

- Twigs
- A selection of leaves, grasses or flowers
- Elastic bands
- Paint
- Paper

1. Collect some strong twigs and a selection of leaves, branches, grasses or flowers with stalks. You can use whatever you find and whatever you like so have a good explore.
2. Carefully secure your leaves or flowers to the end of a twig by wrapping an elastic band round and round them. Use all sorts of different flowers and leaves that will give you different textures and make different marks when they are used as paintbrushes.
3. Dip your nature paintbrushes into paint and see what textures, lines and patterns they make when you paint with them on paper.



# Year 3 and 4 Common Exception Words

<b>Aa</b>	breath	consider	enough	group	island	natural	popular	<b>Rr</b>	surprise
accident	breathe	continue	exercise	guard	<b>Kk</b>	naughty	position	recent	<b>Tt</b>
accidentally	build	<b>Dd</b>	experience	guide	knowledge	notice	possess	regular	therefore
actual	busy	decide	extreme	<b>Hh</b>	<b>Ll</b>	<b>Oo</b>	possession	reign	though
actually	business	describe	<b>Ff</b>	heard	learn	occasion	possible	remember	thought
address	<b>Cc</b>	different	famous	heart	length	occasionally	potatoes	<b>Ss</b>	through
although	calendar	difficult	favourite	height	library	often	pressure	sentence	<b>Vv</b>
answer	caught	disappear	February	history	<b>Mm</b>	opposite	probably	separate	various
appear	centre	<b>Ee</b>	forward	<b>Ii</b>	material	ordinary	promise	special	<b>Ww</b>
arrive	century	early	forwards	imagine	medicine	<b>Pp</b>	purpose	straight	weight
<b>Bb</b>	certain	earth	fruit	increase	mention	particular	<b>Qq</b>	strange	woman
believe	circle	eight	<b>Gg</b>	important	minute	peculiar	quarter	strength	women
bicycle	complete	eighth	grammar	interest	<b>Nn</b>	perhaps	question	suppose	