



5-a-day

1) TTRockstars - 30 minutes

2) Morning maths

3) Independent Reading - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

English

Vocabulary definition

Look carefully at the words and use a dictionary or the internet to find definitions - remember to tell me the word class of each word - noun, verb, adjective, adverb

Maths

Multiplying fractions by fractions

Read the input and watch the video clips -  
remember the rule for multiplying fractions -

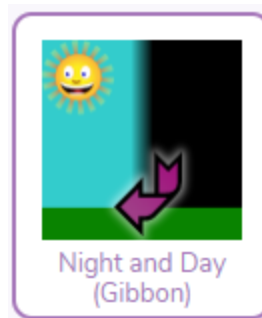
$$\frac{\text{top} \times \text{top}}{\text{bottom} \times \text{bottom}} = \frac{\text{top}}{\text{bottom}}$$

[Input and  
video](#)

[Activity 1](#)

[Activity 2](#)

Computing



Try the Night and Day  
2do.Gibbon level.

Too hard - try the Chimp  
version of Night and Day

## Morning maths - Tuesday 19/5/20

$$62.5 - 24.62$$

$$524 + 97.6$$

$$\begin{array}{r} 524 \\ + 97.6 \\ \hline \end{array}$$

My number can be divided by 3 and 5.  
It is greater than 40 but less than 50.  
What is my number?

What is  $\frac{3}{4}$  of 500?

Hint – find  $\frac{1}{4}$  first

### Write definitions of word meanings

Look through the vocabulary list of words which could be used to describe yesterday's English Picture - what do they mean? Use a dictionary (online word definition works too) to explain what they mean - make sure you use your own words not just copy. Can you tell me the word class - verb, noun, adjective, adverb too

Departure		Arrival	
Transportation		Destination	
Exchange		Currency	
Foreign		Recreation	
Expedition		Excursion	
voyage		embark	

Choose your favourite 4 words and write a sentence for each one - try to also use the fronted adverbial, expanded noun phrases and powerful verb skills we learned last week

Multiply simple pairs of proper fractions, writing the answer in its simplest form

1 Multiply the fractions below.

a  $\frac{1}{3} \times \frac{1}{2} =$

c  $\frac{1}{6} \times \frac{5}{7} =$

b  $\frac{1}{5} \times \frac{1}{4} =$

d  $\frac{4}{9} \times \frac{2}{3} =$

2 Multiply the following and write the answer in its simplest form.

a  $\frac{1}{4} \times \frac{2}{6} =$

c  $\frac{5}{6} \times \frac{4}{9} =$

b  $\frac{4}{9} \times \frac{1}{8} =$



3 Multiply each pair of fractions and put the answer on the ladder, starting with the smallest.

$\frac{3}{5} \times \frac{1}{8}$

$\frac{1}{4} \times \frac{4}{5}$

$\frac{7}{10} \times \frac{1}{2}$

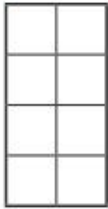
$\frac{3}{2} \times \frac{1}{10}$

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$\frac{3}{10} \times \frac{5}{4}$

1a) Shade this area model to show that:

$$\frac{3}{4} \times \frac{1}{2} \text{ is the same as } \frac{3}{4} \text{ of } \frac{1}{2}$$



Now shade the area models to represent the answers to these calculations. Record your answers in their simplest form.

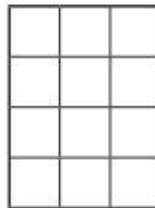
b)  $\frac{2}{3} \times \frac{1}{2} = \frac{\square}{\square}$  or  $\frac{\square}{\square}$



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



d)  $\frac{3}{4} \times \frac{1}{3} = \frac{\square}{\square} = \frac{\square}{\square}$



2) Give the missing digits for each of these calculations.

$$\frac{1}{\square} \times \frac{2}{10} = \frac{\square}{\square} \text{ or } \frac{1}{10}$$

$$\frac{2}{5} \times \frac{5}{\square} = \frac{\square}{\square} \text{ or } \frac{1}{3}$$

$$\frac{\square}{5} \times \frac{3}{8} = \frac{\square}{\square} \text{ or } \frac{3}{10}$$

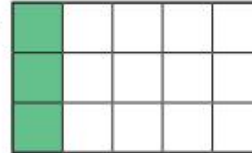
$$\frac{1}{\square} \times \frac{2}{8} = \frac{\square}{\square} \text{ or } \frac{1}{16}$$



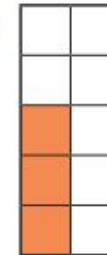
1) Archie has drawn two different area models to show what happens when  $\frac{1}{2}$  is multiplied by  $\frac{3}{5}$ .

Explain to Archie which of his area models is correct and why.

a



b




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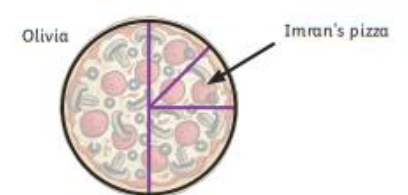
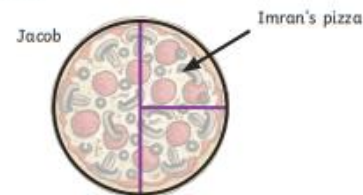
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2) A family ordered a large pizza to share. They managed to eat  $\frac{1}{2}$  of the pizza and saved the rest. The next day Imran ate  $\frac{1}{4}$  of the leftover pizza. How much of the whole pizza did Imran eat?

Jacob and Olivia both tried to represent the problem. Who was correct? What calculation shows how much pizza Imran ate?




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