

Year 6 Easter Maths Revision Activities

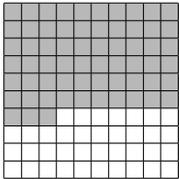
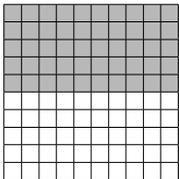
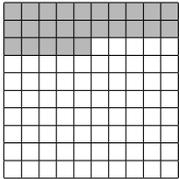
Fractions (Including Decimals and Percentages)



Year 6 Easter Maths Revision

Activity Booklet

Statutory Requirements	Activity Sheet	Page Number	Notes
Pupils should be taught to: <ul style="list-style-type: none"> • use common factors to simplify fractions; use common multiples to express fractions in the same denomination. • compare and order fractions, including fractions > 1. • add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. • multiply simple pairs of proper fractions, writing the answer in its simplest form for example, $(\frac{1}{4} \times \frac{1}{2} = \frac{1}{8})$. • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places. • multiply one-digit numbers with up to two decimal places by whole numbers. • use written division methods in cases where the answer has up to two decimal places. • solve problems which require answers to be rounded to specified degrees of accuracy. 	Chocolate Factory Fractions	2-3	
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	Spring Lambs	16-17	

Farm	100 Square	Fraction	Percentage	Decimal
4				
5				
6				

Chocolate Factory Fractions

At the chocolate factory, the workers have been busy making different types of chocolate Easter eggs and Easter chocolates. John has to make 81 chocolate rabbits. He has made 54 so far.

That's $\frac{54}{81}$. This can be simplified to $\frac{2}{3}$.

Explanation: 54 and 81 both have a common factor of 9. Therefore $54 \div 9 = 6$ and $81 \div 9 = 9$. $\frac{6}{9}$ can be further simplified because they both have a common factor of 3. Therefore, $6 \div 3 = 2$ and $9 \div 3 = 3$, so the final fraction is $\frac{2}{3}$.

Simplify each worker's fraction below to its lowest form.

Chocolate Chicks: $\frac{20}{25} = \square$

Milk Chocolate Eggs: $\frac{63}{72} = \square$

White Chocolate Eggs: $\frac{15}{24} = \square$

Surprise Eggs: $\frac{55}{75} = \square$

Cream Filled Eggs: $\frac{40}{96} = \square$

Hazelnut Eggs: $\frac{36}{48} = \square$

Chocolate Factory Fractions

Honeycomb Eggs: $\frac{28}{35} = \square$

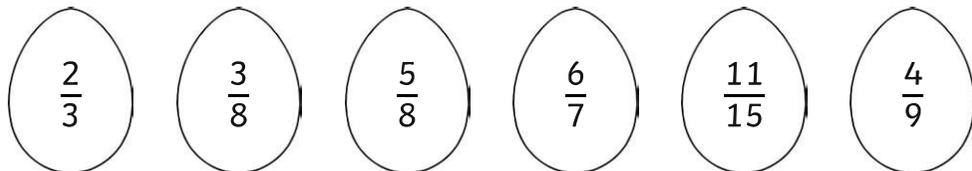
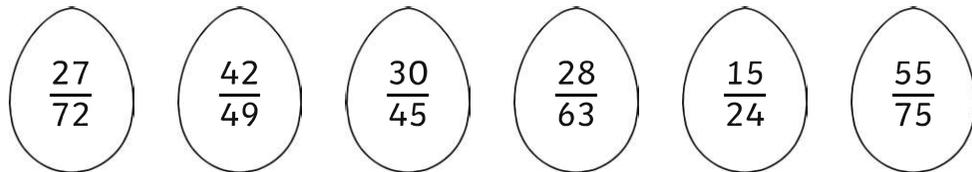
Caramel Eggs: $\frac{42}{48} = \square$

Chocolate Lambs: $\frac{36}{40} = \square$

Little Mini Eggs: $\frac{81}{108} = \square$

Easter Egg Match

Match the Easter eggs on the top row with their simplest form on the bottom row.



Spring Lambs

Easter is a very busy time for lots of farmers. It's the time that many new animals are born, including lots of lambs. On each hundred square below, the number of squares shaded represents the number of male lambs born on each farm. Write this number of male lambs as a decimal, fraction and percentage. The first has been done for you.

Farm	100 Square	Fraction	Percentage	Decimal
1				
2				
3				

Easter Holiday 2

Fuerteventura
The Rajaganeshans
 $£1561 \div 5 =$



Paris
The Patels
 $£1186 \div 5 =$



Exchange Rates:

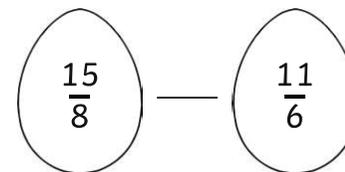
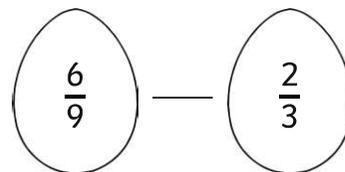
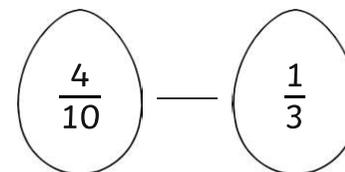
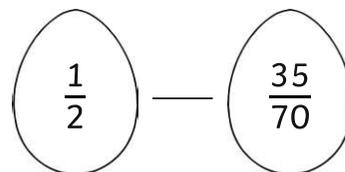
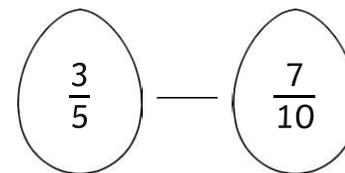
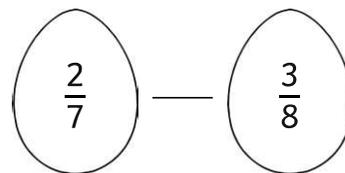
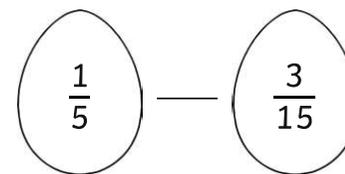
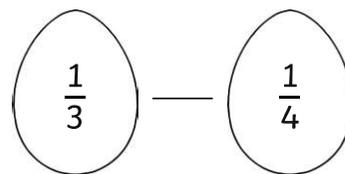
Please complete the Easter exchange rate table from the travel agent where each family booked their holiday.

Currency	Rate	round to 1p	round to 10p
€1	£0.86225		
\$1	£0.77105		
1 Chinese Yuan	£0.11559		
1 Australian Dollar	0.59555		
1 Pakistani Rupee	£0.00737		

Egg Hunt

Elizabeth and her friends have been celebrating Easter with an egg hunt in the garden. The eggs all have fractions on. Use the symbols $<$ $>$ or $=$ to compare the fractions.

Tip: You may need to rewrite the fractions with the same denominator in order to compare them.



Egg Hunt

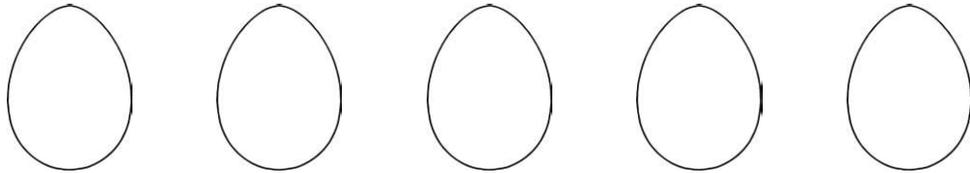
Ordering eggs

Neeta has placed her eggs in this order:

$$\frac{4}{5} \quad \frac{5}{8} \quad \frac{7}{6} \quad \frac{11}{10} \quad \frac{13}{15}$$

Explain how she has ordered the eggs?

Now place the fractions on the eggs in order from smallest to largest.



Easter Holiday 2

The following families are going on holiday over the Easter holidays. Below are the costs of each family's holiday. Use division to calculate the cost per person for each holiday. Write your answers to two decimal places. Show working out in the spaces provided.

Alicante
The Smiths
 $£1297 \div 4 =$



Denmark
The Jones
 $£2617 \div 4 =$



Newquay
The Jankowskis
 $£349 \div 4 =$



Rome
The Bentleys
 $£373 \div 3 =$



Easter Holiday

3 jackets =

4 pairs
of trainers =

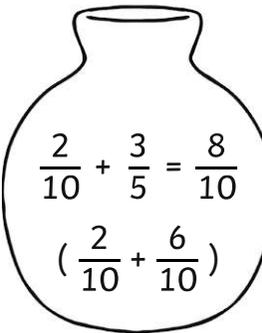
4 hats =

8 pairs
of shorts =

5 dresses =

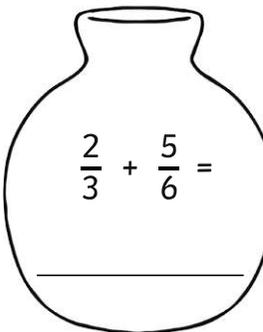
Florist Fractions

Rita's Florist gets very busy during Easter. She sells many flowers, especially daffodils! In her shop, she has two vases filled with daffodils. Here are the fractions of daffodils she sells from each vase during the week. Add the fractions together to calculate what fraction she has sold in total for each day. You will need to convert the fractions to the same denominator in order to add them together. For example:

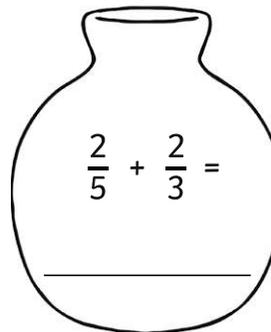

$$\frac{2}{10} + \frac{3}{5} = \frac{8}{10}$$
$$\left(\frac{2}{10} + \frac{6}{10} \right)$$

For more information on adding fractions, see:
<http://www.twinkl.co.uk/resource/adding-and-subtracting-fractions-t2-m-2382>

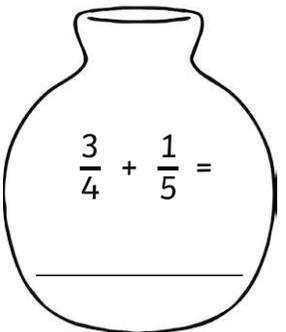
Monday


$$\frac{2}{3} + \frac{5}{6} =$$

Tuesday

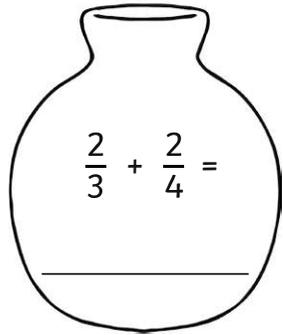

$$\frac{2}{5} + \frac{2}{3} =$$

Wednesday

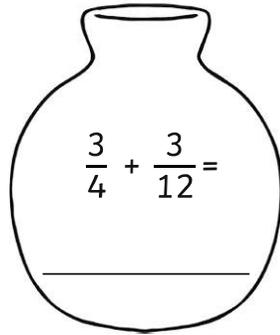

$$\frac{3}{4} + \frac{1}{5} =$$

Florist Fractions

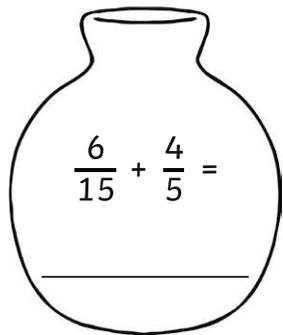
Thursday



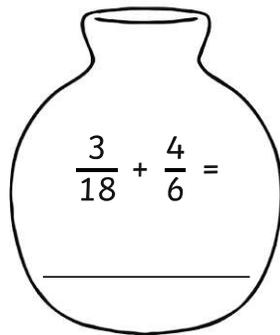
Friday



Saturday



Sunday



Rita's Calculations

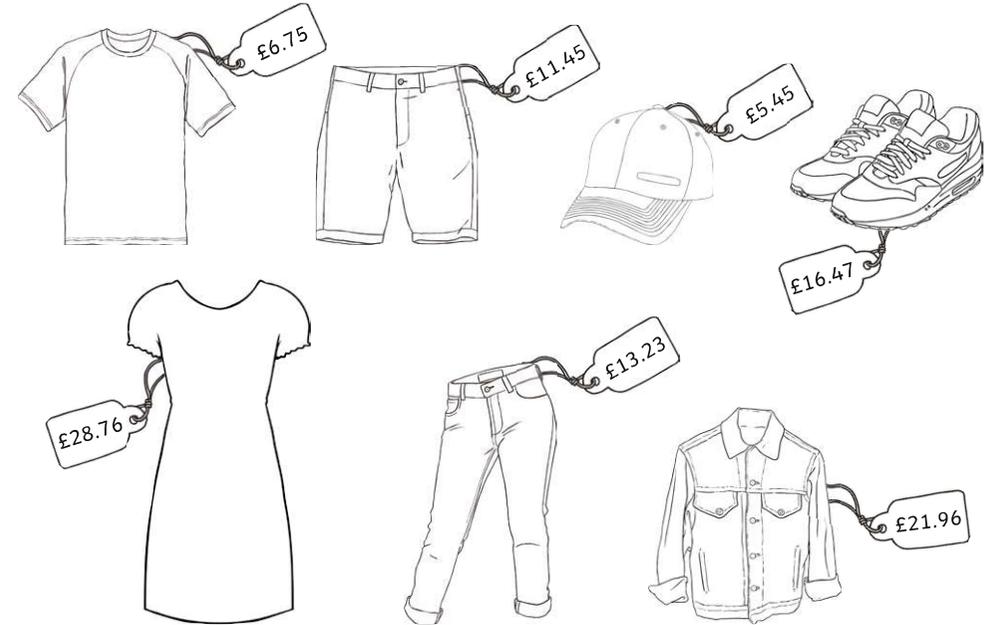
Rita is trying to calculate the following:

$$2/5 + 0.8 =$$

What is the answer?

Easter Holiday

Lila and Amira are going to Spain over the Easter half-term holiday. They have gone to the shop to buy new clothes for their holiday.



7 T shirts =

6 pairs
of trousers =

Bunny Deliveries

Brandy Bunny
5.32 seconds
4 eggs

Baruska Bunny
9.21 seconds
4 eggs

Bahir Bunny
3.47 seconds
9 eggs

Blake Bunny
1.24 seconds
3 eggs

Bradley Bunny
4.15 seconds
6 eggs

Bepi Bunny
7.81 seconds
5 eggs

Oh no! The Easter Bunny has spilt hot chocolate on his calculation. Can you calculate the missing numbers that have been covered by the splashes of hot chocolate?

$$\begin{array}{r}
 \text{8} \\
 \times \text{7} \\
 \hline
 40.\text{8} \\
 \text{52}
 \end{array}$$

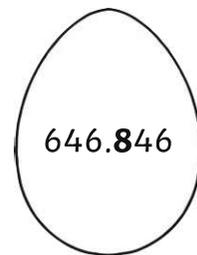
Eggstraterrestrials

Look at the EGGstraterrestrial below. They all have decimal numbers on. Write the value of the highlighted number on each EGGstraterrestrial. The first has been done for you.

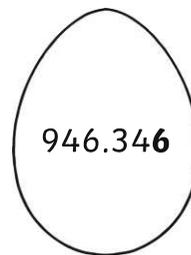


646.269

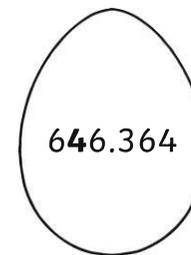
6 hundredths



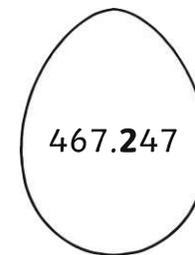
646.846



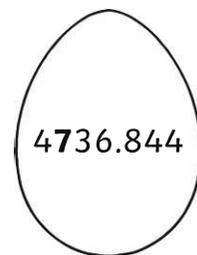
946.346



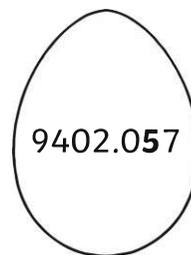
646.364



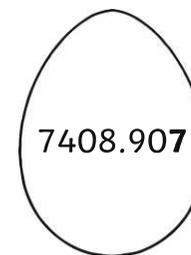
467.247



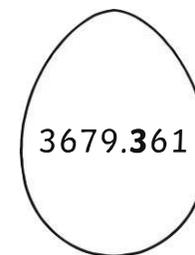
4736.844



9402.057



7408.907



3679.361

Eggstraterrestrials

The EGGstraterrestrials started to fill in the table below but never completed it. Use your knowledge of place value to complete each table.



Number	$\times 10$	$\times 100$	$\times 1000$
32.547		3254.7	
21.037			21 037
561.003	5610.03		

Number	$\div 10$	$\div 100$	$\div 1000$
46 645	4564.5		
94 054			94.054
794 306		7943.06	

Bunny Deliveries

The Easter Bunny and her helpers are busy delivering eggs. The Easter Bunny records how long it takes each bunny helper to deliver an egg. How long would it take each bunny to deliver the number of eggs below? The first has been done for you.

Tip: The example below uses column multiplication to solve the answer. Use the method you are most comfortable with to solve the calculations below.

Bikini Bunny	2.78
2.78 seconds	$\times 8$
8 eggs	<u>22.24</u>
	6 6

Becky Bunny
4.62 seconds
5 eggs

Bilal Bunny
6.43 seconds
4 eggs

Barbara Bunny
4.87 seconds
7 eggs

Bailey Bunny
2.54 seconds
2 eggs