

1/6/20	Maths	English	Foundation
<b>Mon</b>	<a href="https://whiterosemaths.com/homelearning/year-3/">https://whiterosemaths.com/homelearning/year-3/</a> Summer Term Week 6 Lesson 1 – Tenths as decimals	Instructions: Reading Comprehension – Fact Retrieval – Lesson 1  <a href="https://www.thenational.academy/year-3/english/instructions-reading-comprehension-fact-retrieval-year-3-wk1-1">https://www.thenational.academy/year-3/english/instructions-reading-comprehension-fact-retrieval-year-3-wk1-1</a>	Science: Plants: What conditions could we change to investigate the growth of a plant?  <a href="https://www.thenational.academy/year-3/foundation/plants-what-conditions-could-we-change-to-investigate-the-growth-of-a-plant-year-3-wk1-3">https://www.thenational.academy/year-3/foundation/plants-what-conditions-could-we-change-to-investigate-the-growth-of-a-plant-year-3-wk1-3</a>
<b>Tue</b>	Summer Term Week 6  Lesson 2 - Fractions on a number line	Instructions: Reading Comprehension – Word Meaning – Lesson 2	
<b>Wed</b>	Summer Term Week 6  Lesson 3 – Fractions of a set of objects (1)	Instructions: Identifying and understanding the features of a text – Lesson 3	Music - Pulse In this lesson we are going to be learning about pulse. We will clap the pulse to lots of different pieces of music from a variety of genres and also learn some songs!  <a href="https://www.thenational.academy/year-3/foundation/pulse-year-3-wk1-5">https://www.thenational.academy/year-3/foundation/pulse-year-3-wk1-5</a>
<b>Thu</b>	Summer Term Week 6  Lesson 4 – Fractions of a set of objects (2)	Instructions: SPaG focus – Adverbs – Lesson 4	
<b>Fri</b>	Summer Term Week 6  Lesson 5 – Maths Challenge	Instructions: Write a set of instructions – Lesson 5	Art - Drawing Skills: How can we use texture to make our drawings more interesting?  <a href="https://www.thenational.academy/year-3/foundation/drawing-skills-how-can-we-use-texture-to-make-our-drawings-more-interesting-year-3-wk5-5">https://www.thenational.academy/year-3/foundation/drawing-skills-how-can-we-use-texture-to-make-our-drawings-more-interesting-year-3-wk5-5</a>

**Optional Extras:**

- Daily times tables and division facts practise
- Daily reading of a book, magazine, comic or newspaper
- Spellings - February, forward, forwards, fruit, grammar, group, guard, guide, heard, heart
  - Cook a meal or do some baking for your family
  - Make a “time machine” box to open in 10 years



1) Write the fractions and decimals shown.



A = \_\_\_\_\_



2) Draw lines to match the fractions to the correct decimal.

$\frac{3}{10}$

0.9

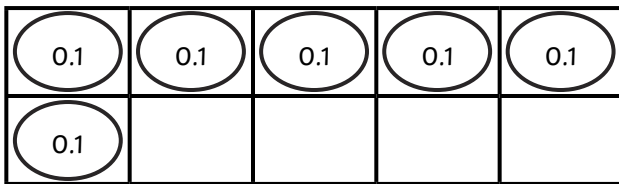
four-tenths

0.3

$\frac{9}{10}$

0.4

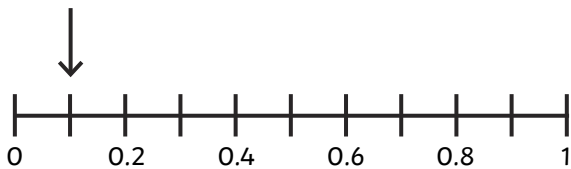
3) Use the image to complete the fraction and decimal.



$\frac{\square}{10}$

0. \_\_\_\_\_

4) True or false? The arrow shows 0.3. Explain your answer.




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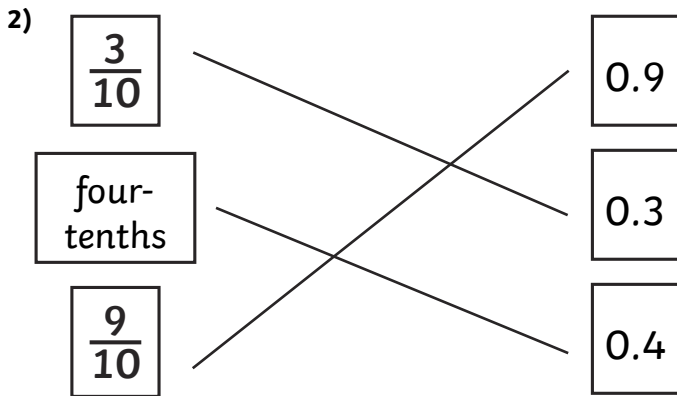
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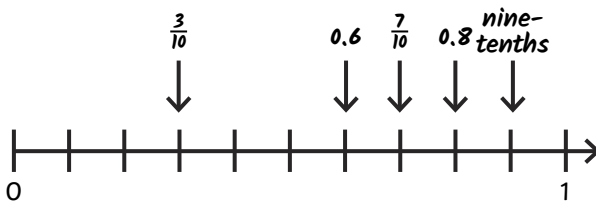
- 1) a)  $\frac{6}{10}$  and 0.6  
 b)  $\frac{1}{10}$  and 0.1  
 c)  $\frac{9}{10}$  and 0.9



3)  $\frac{6}{10}$  0.6

4) False. The arrow shows 0.1 because it is between 0 and 0.2.

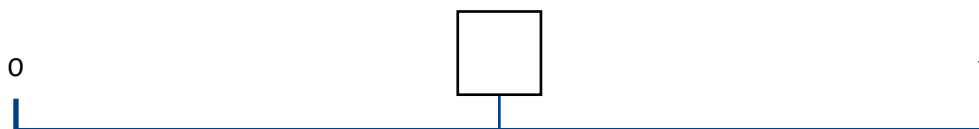
- 1) The bar model with seven-tenths (0.7) shaded is the odd one out. All other fractions/decimal fractions show nine tenths.  
 2) False. 0.8 or eight-tenths will be represented.  
 3) 0.8 is the second largest on the number line.  $\frac{7}{10}$  is the third largest.



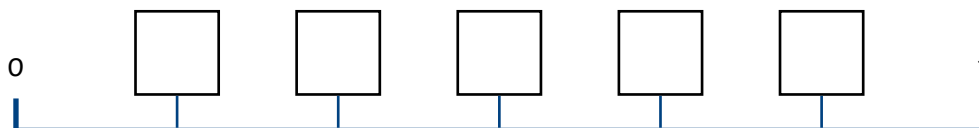


1) The number line has been divided into equal parts. Fill in the blanks with the correct fraction.

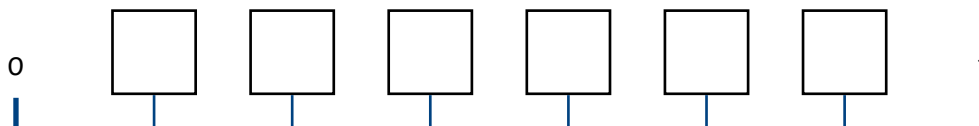
a)



b)



c)



2) Write  $1\frac{1}{6}$  on the number line.



3) Write  $3\frac{2}{6}$  on the number line.

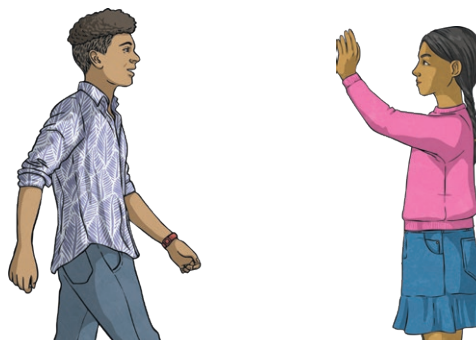


4) Sergio walked to school.

He stopped to tie his laces  $\frac{2}{7}$  of the way there.

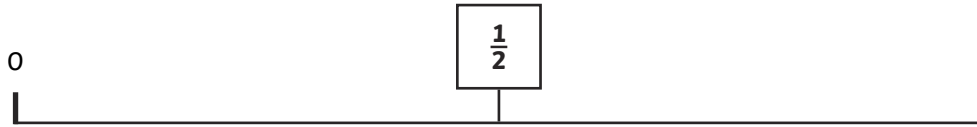
Then, he stopped to meet his friend  $\frac{4}{7}$  of the way there.

Show Sergio's journey.

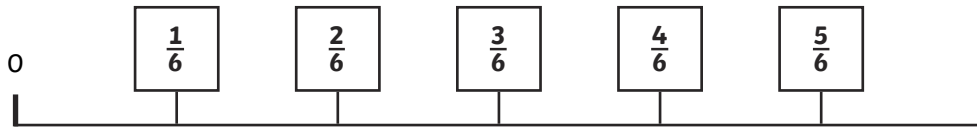




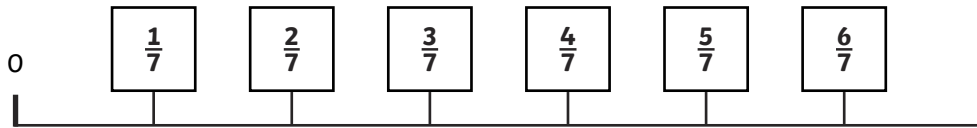
1) a)



b)



c)



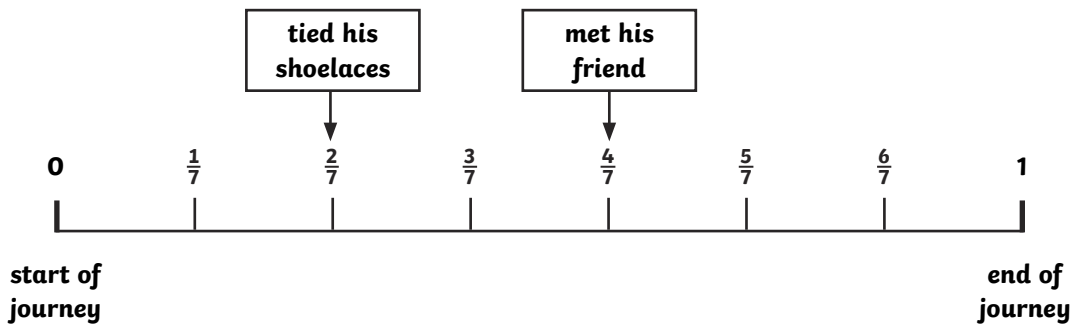
2)



3)

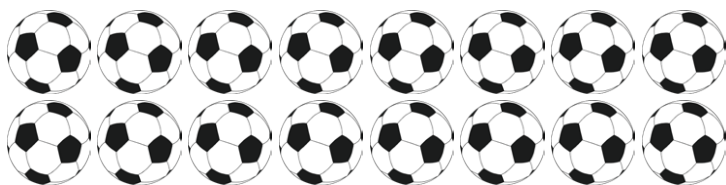


4)





1) Find and circle  $\frac{1}{4}$  of the footballs.



$\frac{1}{4}$  of the footballs =

2) A bar model can be used to find  $\frac{1}{4}$  of 8.



a)  $\frac{1}{4}$  of 12 =

b)  $\frac{1}{4}$  of 16 =

c)  $\frac{1}{3}$  of 15 =

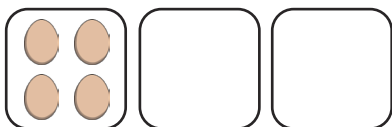
3) This is  $\frac{1}{4}$  of a punnet of strawberries.



How many strawberries are in a whole punnet?

A whole punnet of strawberries =

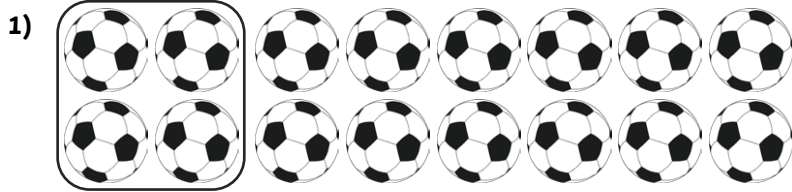
4) This is  $\frac{1}{3}$  of a large box of eggs.



How many eggs are in a whole box?

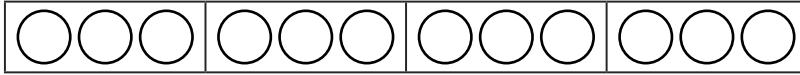
A whole box of eggs =

5) Use a bar model and place value counters to find  $\frac{1}{3}$  of 69.

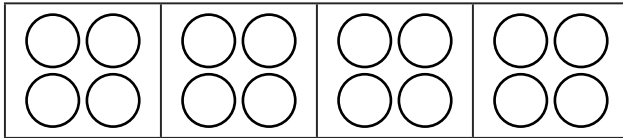


$\frac{1}{4}$  of the footballs is 4.

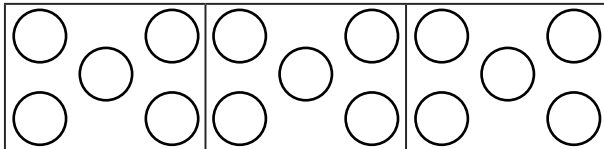
2) a)  $\frac{1}{4}$  of 12 = 3



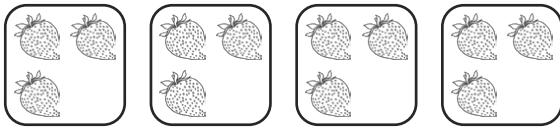
b)  $\frac{1}{4}$  of 16 = 4



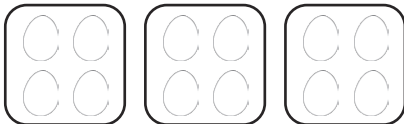
c)  $\frac{1}{3}$  of 15 = 5



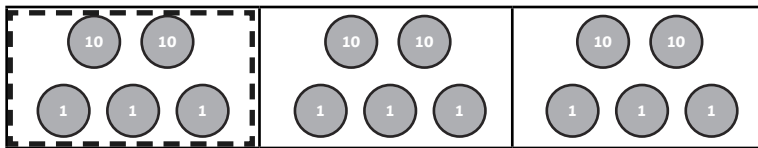
3) There are 12 strawberries in a whole punnet.



4) There are 12 eggs in a whole box.



5)  $\frac{1}{3}$  of 69 is 23.



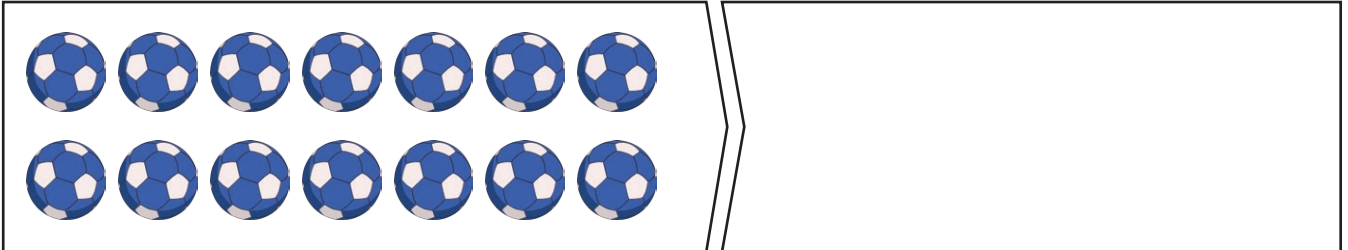
1) A bar model can be used to find  $\frac{1}{4}$  of 8.  
If  $\frac{1}{4}$  of 8 is 2, then:



a)  $\frac{2}{4}$  of 8 is \_\_\_\_\_.

b)  $\frac{3}{4}$  of 8 is \_\_\_\_\_.

2) Find and circle  $\frac{2}{7}$  of the footballs.



3) Find fractions of the amounts shown.

a)  $\frac{2}{3}$  of 15 is \_\_\_\_\_

b)  $\frac{3}{8}$  of 16 \_\_\_\_\_

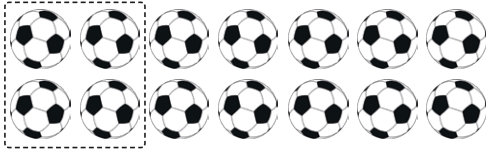
4) Use a bar model and place value counters to find  $\frac{2}{3}$  of 69.





1) a)  $\frac{2}{4}$  of 8 is 4.      b)  $\frac{3}{4}$  of 8 is 6.

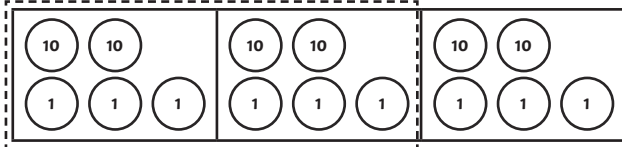
2)  $\frac{2}{7}$  of the footballs is 4.



3) a)  $\frac{2}{3}$  of 15 is 10.

b)  $\frac{3}{8}$  of 16 is 6.

4)  $\frac{2}{3}$  of 69 is 46.



1) If 18 chairs represent  $\frac{2}{3}$  of the chairs, then dividing this amount by 2 would calculate  $\frac{1}{3}$  of the chairs.

$$18 \div 2 = 9$$

To find  $\frac{3}{3}$ , the amount of chairs altogether, multiply  $\frac{1}{3}$  by 3.

$$9 \times 3 = 27$$

There were 27 chairs set out for assembly.

9 chairs	9 chairs	9 chairs
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2) a)  $\frac{1}{3}$  of 15 = 5

$$15 - 5 = 10$$

Therefore, Tariq was left with £10 on Monday.

b) As Tariq spent  $\frac{1}{3}$  of his money, he will be left with  $\frac{2}{3}$  of the original amount.

c)  $\frac{1}{2}$  of 10 = 5

Therefore, Tariq had £5 left on Tuesday.

3) 

40	40
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$\frac{1}{2}$  of 80 is 40.

$$80 \div 2 = 40$$

Anya has read 40 pages of the book.

16	16	16	16	16
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$\frac{1}{5}$  of 80 is 16.  $\frac{2}{5}$  of 80 is 32.

$$80 \div 5 = 16$$

$$16 \times 2 = 32$$

Tina has read 32 pages of the book.

40 is 8 more than 32. Therefore, Anya has read the greater amount of the book.