

Year 5 spring home learning overview 2020-21

1 Spring term 1 2020-21					
INSET day	Chapter 6: Fractions				
	Recap year 4 Book 4A, Ch.6, Lesson 10: Adding Fractions To add fractions (simplest form).	Recap year 4 Book 4A, Ch.6, Lesson 12: Subtracting Fractions To subtract fractions (equivalence).	Lesson 1: Dividing to Make Fractions To divide whole numbers to create fractions; to create mixed numbers and improper fractions when dividing whole numbers.	Lesson 2: Writing Improper Fractions and Mixed Numbers To write improper fractions and mixed numbers using a number line and pictorial methods.	Lesson 3: Finding Equivalent Fractions To find equivalent fractions using pictorial methods.
	Learn the strategy: Recap simplifying fractions (from 5 minutes and 30 seconds) https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r?step=2&activity=video	Learn the strategy: Intro: https://classroom.thenational.academy/lessons/to-identify-describe-and-represent-fractions-ccw3ee?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgr?step=2&activity=video	Learn the strategy: https://vimeo.com/419603258/19e2699144
2 Chapter 6: Fractions					
Lesson 4: Comparing and Ordering Fractions To compare and order fractions using the pictorial method.	Lesson 5: Comparing and Ordering Fractions To compare and order improper fractions using the pictorial method.	Lesson 6: Comparing and Ordering Fractions To compare mixed numbers using pictorial; to find common denominators where one fraction is already the common denominator for all.	Lesson 7: Making Number Pairs To make number pairs (number bonds) with fractions with different denominators.	Lesson 8: Adding Fractions To add unlike fractions by finding a common denominator using pictorial methods.	Lesson 9: Adding Fractions To add unlike fractions by finding a common denominator using pictorial methods.
Learn the strategy: https://classroom.thenational.academy/lessons/ordering-fractions-c4vp6r?step=2&activity=video		Learn the strategy: https://vimeo.com/419603289/dc82b56714	Learn the strategy: https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-a-common-denominator-68vpae?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/add-fractions-cnk3ar?step=2&activity=video	
3 Chapter 6: Fractions					
Lesson 10: Adding Fractions To add together unlike fractions where the sum is greater than 1, creating mixed numbers or improper fractions.	Lesson 11: Adding Fractions To add unlike fractions which create improper fractions and mixed numbers that give rise to simplification.	Lesson 12: Subtracting Fractions To subtract fractions with different denominators; to subtract fractions from whole numbers.	Lesson 13: Subtracting Fractions To subtract fractions where the denominators are not the same; to use bar models for subtracting fractions.	MNP Year 5 mid-year revision 5A assessment	MNP Year 5 mid-year revision 5A assessment
Learn the strategy: https://vimeo.com/419603358/431288e8d3	Learn the strategy: https://vimeo.com/419603358/431288e8d3 Simplifying fractions: (from 10 minutes) https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&activity=video	Learn the strategy: (from 7 minutes 20 seconds to 9 minutes and 27 seconds) https://classroom.thenational.academy/lessons/fractions-solve-fraction-problems-with-the-four-operations-cgrk0d?step=2&activity=video	Learn the strategy: https://vimeo.com/419603396/ad5a8077cd	Complete workbook 5A mid-year revision sections A and B. Questions 1 - 29	Complete workbook 5A mid-year revision sections C. Questions 30-45

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4 Chapter 6: Fractions					
Lesson 14: Subtracting Fractions To subtract fractions and mixed numbers from mixed numbers with different denominators.	Embed addition and subtraction of fractions	Lesson 15: Multiplying Fractions by Whole Numbers To multiply fractions by whole numbers creating other fractions, mixed numbers or improper fractions.	Lesson 16: Multiplying Fractions by Whole Numbers To multiply fractions by whole numbers where the product is an improper fraction or mixed number.	Lesson 17: Multiplying Mixed Numbers To multiply mixed numbers by whole numbers, creating larger mixed numbers.	Embed multiplication of fractions
Learn the strategy: https://classroom.thenational.academy/lessons/subtracting-mixed-numbers-6xk32e?step=1&activity=video	Complete the online lesson: https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-a-common-denominator-68vpae	Learn the strategy: https://classroom.thenational.academy/lessons/multiply-a-fraction-by-a-whole-number-cgup2t?step=2&activity=video	Learn the strategy: https://vimeo.com/419603467/ea89654f58	Learn the strategy: https://classroom.thenational.academy/lessons/multiply-a-mixed-number-fraction-6nj6t?from_query=multiply+fractions+bv+a+whole+numbers	Complete the online lesson: https://classroom.thenational.academy/lessons/multiply-a-mixed-number-fraction-6nj6t?from_query=multiply+fractions+bv+a+whole+numbers
5					
Revisit formal multiplication of whole numbers	Revisit formal multiplication and division of whole numbers	Chapter 7: Decimals		Lesson 1: Writing Decimals To write decimal numbers.	Lesson 2: Reading and Writing Decimals To read and write decimals.
Recap year 4 fractions: Bk 4B, Chapter 8, Lesson 8: Writing Decimals To write decimal numbers.	Recap year 4 fractions: Bk 4B, Chapter 8, Lesson 17: Dividing Whole Numbers by 100 To divide whole numbers by 100&10.	Lesson 1: Writing Decimals To write decimal numbers.	Lesson 2: Reading and Writing Decimals To read and write decimals.	Lesson 1: Writing Decimals To write decimal numbers.	Lesson 2: Reading and Writing Decimals To read and write decimals.
Complete the online lesson: https://classroom.thenational.academy/lessons/multiplying-a-3-digit-number-by-a-2-digit-number-cmwpae	Complete the online lesson: https://classroom.thenational.academy/lessons/short-division-part-1-6gr6ar	Learn the strategy: https://classroom.thenational.academy/lessons/recognising-decimal-hundredths-part-1-c4v3ed?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-100-part-1-68vk6c?step=2&activity=video https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-100-part-2-6ngkcc?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/representing-decimals-c9gpat?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/thousandths-6wup6t?step=2&activity=video
6 Chapter 7: Decimals					Catch up time
Lesson 3: Reading and Writing Decimals To read and write decimals.	Lesson 4: Comparing Decimals To compare tenths and hundredths written as decimals.	Lesson 5: Comparing Decimals To order and compare decimals.	Lesson 6: Comparing Decimals To compare and order decimals of amounts.	Lesson 7: Writing Fractions as Decimals To write fractions as decimals.	
Learn the strategy: https://classroom.thenational.academy/lessons/thousandths-6wup6t?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/recognising-decimal-hundredths-part-1-c4v3ed?step=2&activity=video https://classroom.thenational.academy/lessons/recognising-decimal-hundredths-part-2-cmukcd?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/comparing-and-ordering-ccwk0r?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/tenths-and-hundredths-6nj68c?step=2&activity=video https://classroom.thenational.academy/lessons/comparing-fractions-and-decimals-c5jp8r?step=2&activity=video		