

Maths Workout - Number

Topic 18 - Fractions 2				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Convert between a fraction and a decimal; compare fractions and decimals</i>	<i>Convert between a recurring decimal and a fraction in simplest form</i>	<i>Add fractions and mixed numbers, expressing in simplest form</i>	<i>Subtract fractions and mixed numbers, expressing in simplest form</i>	<i>Multiply & divide fractions and mixed numbers, expressing in simplest form; Solve mixed problems involving fractions</i>
1. Convert between a fraction and a decimal (tenth)	1. Write a recurring decimals with 1 dp as a fraction	1. Add 2 fractions with same denominator; no simplifying required	1. Subtract 2 fractions with same denominator; no simplifying required	1. Multiply two unitary fractions using 'of' as the operator
2. Convert between a fraction and a decimal (quarter, eighth)	2. Write a recurring decimals with 2 dp (recurring sequence length 2) as a fraction	2. Add 2 fractions with same denominator	2. Subtract 2 fractions with same denominator	2. Multiply a unitary fraction by a fraction using 'of' as the operator
3. Convert between a fraction and a decimal (third, fifth)	3. Write a recurring decimals with 3 dp (recurring sequence length 3) as a fraction	3. Add 2 fractions with one denominator a constant multiple of the other	3. Subtract 2 fractions with one denominator a constant multiple of the other	3. Multiply 2 fractions
4. Memory game: Identify a fraction and decimal of equivalent value (quarter, half, tenth)	4. Write a recurring decimals with 2 dp (recurring sequence length 1) as a fraction	4. Add 2 fractions with one denominator a constant multiple of the other; answer less than 1	4. Subtract 2 fractions with one denominator a constant multiple of the other	4. Multiply 2 fractions; larger denominators
5. Memory game: Identify a fraction and decimal of equivalent value (quarter, half, tenth, fifth, eighth)	5. Mixed questions from tasks 1 to 4	5. Add 2 fractions with different denominators; answers include mixed numbers	5. Subtract 2 fractions with different denominators; answers include mixed numbers	5. Multiply a mixed number by a fraction
6. Memory game: Identify a fraction and decimal of equivalent value (eighth, hundredth)	6. Write 1/3s and 1/9s as recurring decimals	6. Add 2 fractions with different denominators; answers include mixed numbers; larger denominators	6. Subtract 2 fractions with different denominators; answers include mixed numbers; larger denominators	6. Multiply a mixed number by a fraction; larger denominators
7. Sort fractions and decimals	7. Write 1/33s and 1/99s as recurring decimals	7. Add a mixed number to a fraction	7. Subtract a fraction from a mixed number	7. Multiply a mixed number by a mixed number
8. Sort fractions and decimals; extension	8. Write 1/333s and 1/999s as recurring decimals	8. Add a mixed number to a fraction and; larger denominators	8. Subtract a fraction from a mixed number with 1 as the whole number	8. Multiply a mixed number by a mixed number; larger denominator
		9. Add 2 mixed numbers	9. Subtract 2 mixed numbers	9. Divide a fraction by a fraction with guidance
		10. Add 2 mixed numbers; larger denominators;	10. Subtract 2 mixed numbers and; larger denominators	10. Divide a fraction by a fraction
				11. Divide a fraction by a fraction; larger denominators
				12. Divide a mixed number by a fraction; divide a fraction by a mixed number
				13. Divide a mixed number by a mixed number
				14. Solve fractions questions in context
				15. Solve fractions questions in context