LO: I am learning to simplify fractions

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| Question 1  What does simplify a fraction mean?  Full mathematical sentences | Question 2  Lowenna thinks that 4/6 in its simplest form is 1/1.5  Is Lowenna correct?  Explain your answer. |
| Question 3 | |
| Question 4  Is a simplified fraction always equivalent to the original fraction?  Prove it | Question 5  Simplify the following fractions:  a, 14/24 b, 12/16  c, 6/15 d, 20/45  d, 72/? = 9/10 e, ?/24 = ¾ |
| Question 6  Which fraction can be simplified to 5/8 and has a denominator of 40?  Show me | Question 7  Circle the fraction that is not equivalent to the other fractions   1. 5/15 15/45 10/20 20/60 2. 12/18 120/180 18/24 24/36 |
| Question 8  GDS | |
| Question 9  GDS | Question 10  GDS  Calculate the missing values, simplify if you can?  2 + ? = 2/3  3 + 12  2 + 8 = 2/5  3 + ?  5 + ? = ¾  3 + ?  2 + 14 = ?/?  3 + 17 |

LO: I am learning to simplify fractions with only 1 common factor other than 1

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| Question 1  What is the top number and bottom number in a fraction called and what do they tell us?  Answers in full sentences and use examples. | Question2  What does common factor mean?  Show me |
| Question 3  When we simplify fractions, do the numerator and denominator get bigger or smaller?  Use examples to illustrate your answer | Question4  Simplify the following fraction  6/15 = ?  5/25 = ? |
| Question 5 True or false  What is a unit fraction?  Show me  I think it’s a fraction where the denominator is a common factor of the numerator. | Question 6  Can you give me 2 examples of unit fractions? |
| Question 7  What is a non-unit fraction?  Mr Easter thinks it’s a fraction that can’t be simplified.  Is Mr Easter correct? | Question8  Can you give me 2 examples of non-unit fractions?  Mrs Light thinks 3/9 and 7/28 are non-unit fractions.  Is she correct? Why? |
| Question 9 GDS (RtP) | Question 10 GDS (RtP)  How much water is in this beaker?  Give your answer as a fraction of a litre in its simplest form. |
| Question11 GDS (RtP) | Question 12 GDS (RtP)  Put these fractions in order from the smallest to the largest by simplifying them to unit fractions  3/18 5/20 4/8 2/18 4/12 6/60 |

LO: IALT express fraction in a common denomination

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| Question 1  What does “the same denominator” in a pair of fractions mean?  Show me using examples | Question 2  Express the following fractions with a common denomination.  1/5 and 4/15  1/8 and 3/24 |
| Question 3  What is the common denominator in the following fractions?  1/3 4/15 2/5 | Question 4  True or false  If the denominator is the same, the fraction with the largest numerator is the biggest fraction.  Show me and reason your answer. |
| Question 5 GDS (RtP)  Jack and Sophie are fundraising for the same amount of money.  Jack has ¾ of the target and Sophie has 5/7 of the target.  Express the fractions with a common denominator to work out who is closest to the target. | Question 6 GDS (RtP)  Express each set of fractions with a common denominator. Then put them in order from smallest to largest. |
| Question 7 GDS True or False  If one denominator is not a multiple of the other, we can multiply the 2 denominators to find a common denominator. | Question 8 GDS (RtP)  Fill in the missing symbols < > =    You may need to simplify and express with common denomination first! |