Fractions in Disguise

**PRE-READING TASKS**

Prepare a mini presentation to share with us your personality and interest.

1) Describe your personality using fractions. Use the following circle to help you.



*Mr. Factor’s personality:*

*1/4 genius, 1/4 stubborn, 1/3 determined, and 1/6 crazy*

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| Adjective | Fraction |
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2) Are you a collector? What do you collect? How long have you been collection them? Where do you put them? Try to use fractions when you answer some of these questions.

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**WHILE-READING TASKS**

1) Design your Reducer. List out the components using fractions.

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| Mr. Factor’s Reducer:Image result for fractions in disguise*This Reducer is 1/2 ray gun and 1/2 calculator, made from a whole lot of paper clips, a whisk, some discarded computer parts, and sheer ingenuity.* | Your Reducer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

2) Write your own problems about equivalent fractions. Challenge your neighbour. Then check your neighbour’s answers.

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**EXTENSION**

1) Design your own Expander. List out the components using fractions and explain the function of your Expander.

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| Your Expander:Components:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Function:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

2) Re-write the story (or part of the story) with your Expander.

**TIPS**

Culture is another significant element in a storytelling piece. While students re-write the story, instead of using the names from the original text such as Baron von Mathematik, Madame de Geometrique, **encourage students to play around the names of the characters with reference to their own culture**.

*One cannot separate the culture from the text. (Bharucha, 1993:70)*