**I can multiply a unit fraction by an integer using repeated addition.**

**Part 1**- Fill in the gaps in the table and fill in the number lines

**Part 2** – Using the bar models and repeated addition, work out the calculations below.

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| --- | --- | --- | --- |
| Calculation | Repeated addition | Pictorial | Answer |
| 5 x $\frac{1}{7}$ | $$\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$$ |

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 $\frac{5}{7}$ | $$\frac{5}{7}$$ |
| 4 x $\frac{1}{6}$ | $$\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}$$ |

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 |  |
| $\frac{1}{11}$ x 6 |  |

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|  | $$\frac{1}{3}+\frac{1}{3}$$ |

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 | $$\frac{7}{9}$$ |

**Part 3** – Use repeated addition to solve these problems

1. $\frac{1}{5} $ x 4 =
2. $\frac{1}{3}$ x 2 =
3. $\frac{1}{6} $x 4 =
4. $\frac{1}{10} $x 10 =
5. $\frac{1}{2} $ x 3 =
6. $\frac{1}{5} $x 6 =

**Part 4** – Answer these word problems using repeated addition

1. Miss Thomas is having a pizza party. Each person gets $\frac{1}{5} $ of a pizza. There are 3 people at the party. How much of a pizza is eaten?
2. Miss Fowler is having a birthday party. Each person gets $\frac{1}{6} $ of the cake. There are 5 people at the party. How much of a cake is eaten?
3. Mrs Poole ran $\frac{1}{4} $ of a mile on Monday, Tuesday and Wednesday. How far did she run all together?
4. Mrs Stone swam $\frac{1}{7} $of a km in 1 minute. How far did she swim in 5 minutes?

**Challenges** – You don’t have to try these questions, but if you do think carefully when explaining the answers

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A unit fraction has 1 as the numerator.