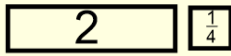LO: Mixed number x whole number
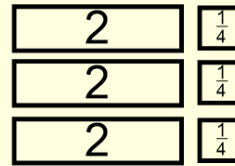
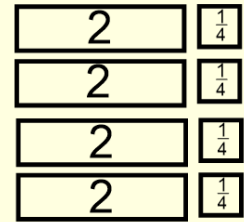$2\frac{1}{4}$ x 1 =          $2\frac{1}{4}$ x 2 =          $2\frac{1}{4}$ x 3 =          $2\frac{1}{4}$ x 4 =
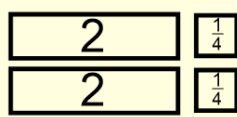
| 2 | $\frac{1}{4}$ |

Simple models

Partition the mixed number → $(2 \times 2) + (\frac{1}{4} \times 2)$          $(2 \times 3) + (\frac{1}{4} \times 3)$          $(2 \times 4) + (\frac{1}{4} \times 4)$

Without brackets would also be correct but they might make the number sentences clearer.

$3\frac{1}{3}$ x 1 =          $3\frac{1}{3}$ x 2 =          $3\frac{1}{3}$ x 3 =          $3\frac{1}{3}$ x 4 =

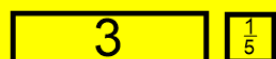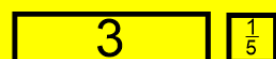For each calculation - draw a simple model.
- show the **partition** method

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

Which multiplication does each model represent?

| 5 | $\frac{1}{3}$ | $\frac{1}{3}$ |          | 5 | $\frac{1}{3}$ | $\frac{1}{3}$ |          | 5 | $\frac{1}{3}$ | $\frac{1}{3}$ |

| 3 | $\frac{1}{5}$ |
| 3 | $\frac{1}{5}$ |
| 3 | $\frac{1}{5}$ |
| 3 | $\frac{1}{5}$ |
| 3 | $\frac{1}{5}$ |

Make up a 'story' to
match one of the models.