1)
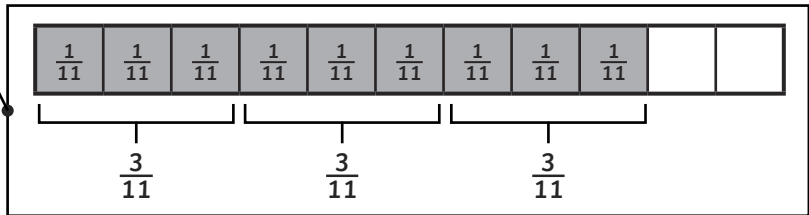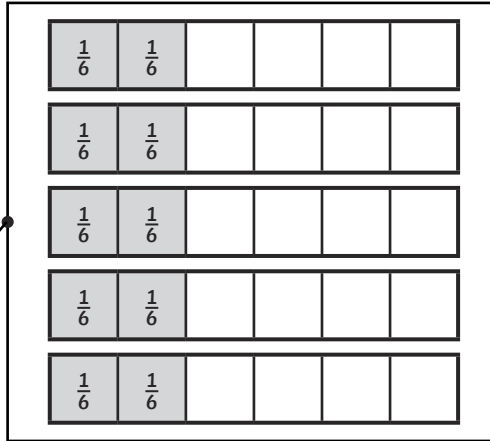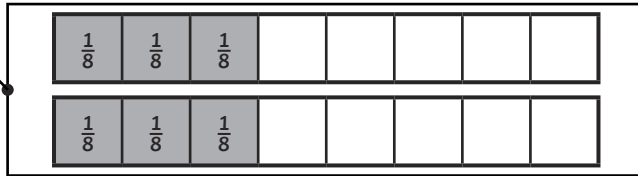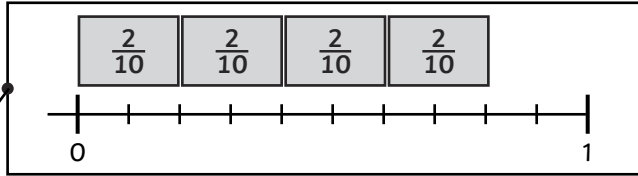
$2 \times \frac{3}{8} = \frac{6}{8} = \frac{3}{4}$

$\frac{2}{10} \times 4 = \frac{8}{10} = \frac{4}{5}$

$\frac{3}{11} \times 3 = \frac{9}{11}$

$5 \times \frac{2}{6} = \frac{10}{6} = 1\frac{4}{6}$

| $\frac{2}{10}$ | $\frac{2}{10}$ | $\frac{2}{10}$ | $\frac{2}{10}$ |

0   1

| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | | | | | |
| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | | | | | |

$\frac{1}{6}$	$\frac{1}{6}$				
$\frac{1}{6}$	$\frac{1}{6}$				
$\frac{1}{6}$	$\frac{1}{6}$				
$\frac{1}{6}$	$\frac{1}{6}$				
$\frac{1}{6}$	$\frac{1}{6}$				

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

$\frac{3}{11}$ $\frac{3}{11}$ $\frac{3}{11}$

2) $\frac{2}{15} \times 7 = \frac{14}{15}$

$6 \times \frac{3}{20} = \frac{18}{20} = \frac{9}{10}$

$\frac{4}{12} \times 2 = \frac{8}{12} = \frac{2}{3}$

$2 \times \frac{2}{6} = \frac{4}{6} = \frac{2}{3}$

1) a) *False, the calculation should be $\frac{9}{10} = \frac{18}{20} > \frac{9}{20}$.*

b) *False, the calculation should be $\frac{8}{11} = \frac{8}{11}$.*

Multiplication is commutative so this calculation gives the same product in either order.

c) *True $\frac{10}{15} = \frac{20}{30} > \frac{6}{30}$*

2) $3 \times \frac{3}{12} = \frac{9}{12}$

9 slices will be eaten and 3 slices will be left over.

---

1) *Example answers include:*

$\frac{2}{12} \times 2 = \frac{4}{12}$

$\frac{2}{12} \times 3 = \frac{6}{12}$

$\frac{2}{6} \times 2 \left(= \frac{4}{12} \times 2\right) = \frac{8}{12}$

Children might choose to use their equivalent fractions knowledge, as shown in the last example answers.

$\frac{2}{12} \times 7 = \frac{14}{12} = 1\frac{2}{12}$

$\frac{5}{12} \times 4 = \frac{20}{12} = 1\frac{8}{12}$

$\frac{2}{6} = \frac{4}{12} \times 4 = \frac{16}{12} = 1\frac{4}{12}$

2) $\frac{3}{10} \times 5 = \frac{15}{10} = 1\frac{5}{10} = 1\frac{1}{2}$

$\frac{8}{10} \times 2 = \frac{16}{10} = 1\frac{6}{10} = 1\frac{3}{5}$

$\frac{6}{15} \times 4 = \frac{24}{15} = 1\frac{9}{15} = 1\frac{3}{5}$

$\frac{8}{20} \times 4 = \frac{32}{20} = 1\frac{12}{20} = 1\frac{3}{5}$