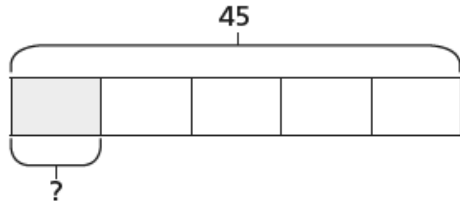L.O. To calculate fractions of an amount

1. Annie and Mo are finding fractions of amounts.

   a) Annie is trying to find $\frac{1}{5}$ of 45

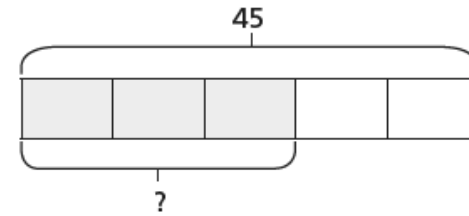   She draws this bar model.

   45

   ?

   How does the bar model represent the calculation?

   What is $\frac{1}{5}$ of 45?

2. b) Mo is trying to find $\frac{3}{5}$ of 45

   45

   ?

   How does the bar model represent the calculation?

   What is $\frac{3}{5}$ of 45?

   c) What is the same and what is different about Mo and Annie's questions?

3. Complete the calculations.

a) $\frac{1}{3}$ of 27 = ☐   b) $\frac{1}{3}$ of 72 = ☐   c) $\frac{1}{3}$ of 90 = ☐

$\frac{2}{3}$ of 27 = ☐ $\frac{1}{6}$ of 72 = ☐ $\frac{2}{6}$ of 90 = ☐

$\frac{3}{3}$ of 27 = ☐ $\frac{1}{12}$ of 72 = ☐ $\frac{3}{9}$ of 90 = ☐

What patterns do you notice?

4. Match the calculations to the correct amounts.

$\frac{5}{8}$ of 48		32
$\frac{2}{3}$ of 48		40
$\frac{5}{6}$ of 48		30
$\frac{3}{4}$ of 48		36