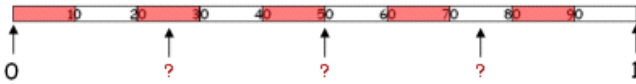


QUARTY (*Work with Fours and Understand Quarters*)



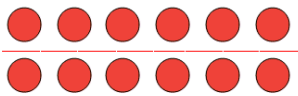
Use a 'counting caterpillar' and the 'tap say turn' game (see printable activities) to count up & down in 4s and then learn the 4x table. Repeat with 3s.

Take a metre stick and investigate where you would have to chop it to make four **equal** pieces. Practice counting in 25s beyond 100.



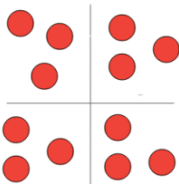
Investigate two quarters and $\frac{3}{4}$ and four quarters of a metre.
Explore (eg) $\frac{3}{4}$ m = 75cm.

Explore fractions of 12 counters:



$\frac{1}{2}$ of 12 = 6
because
 $2 \times 6 = 12$

half of 12 is 6
because
2 rows of 6 is 12



$\frac{1}{4}$ of 12 = 3
so
 $\frac{3}{4}$ of 12 = 9

Repeat with fractions of 20 counters.

Use counters to explore quartering other numbers in the four times table.
(eg $\frac{1}{4}$ of 12 = 3)

Explore doing this by **halving and halving again**:
' $\frac{1}{2}$ of 12 = 6 so $\frac{1}{4}$ of 12 = 3'

Explore using the **4x table facts** backwards:
($3 \times 4 = 12$ so $12 \div 4 = 3$ so $\frac{1}{4}$ of 12 = 3)