

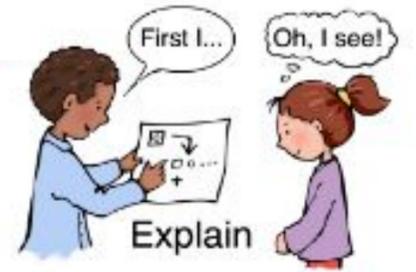
Calculating flexibly

Worksheet

Mr Ward

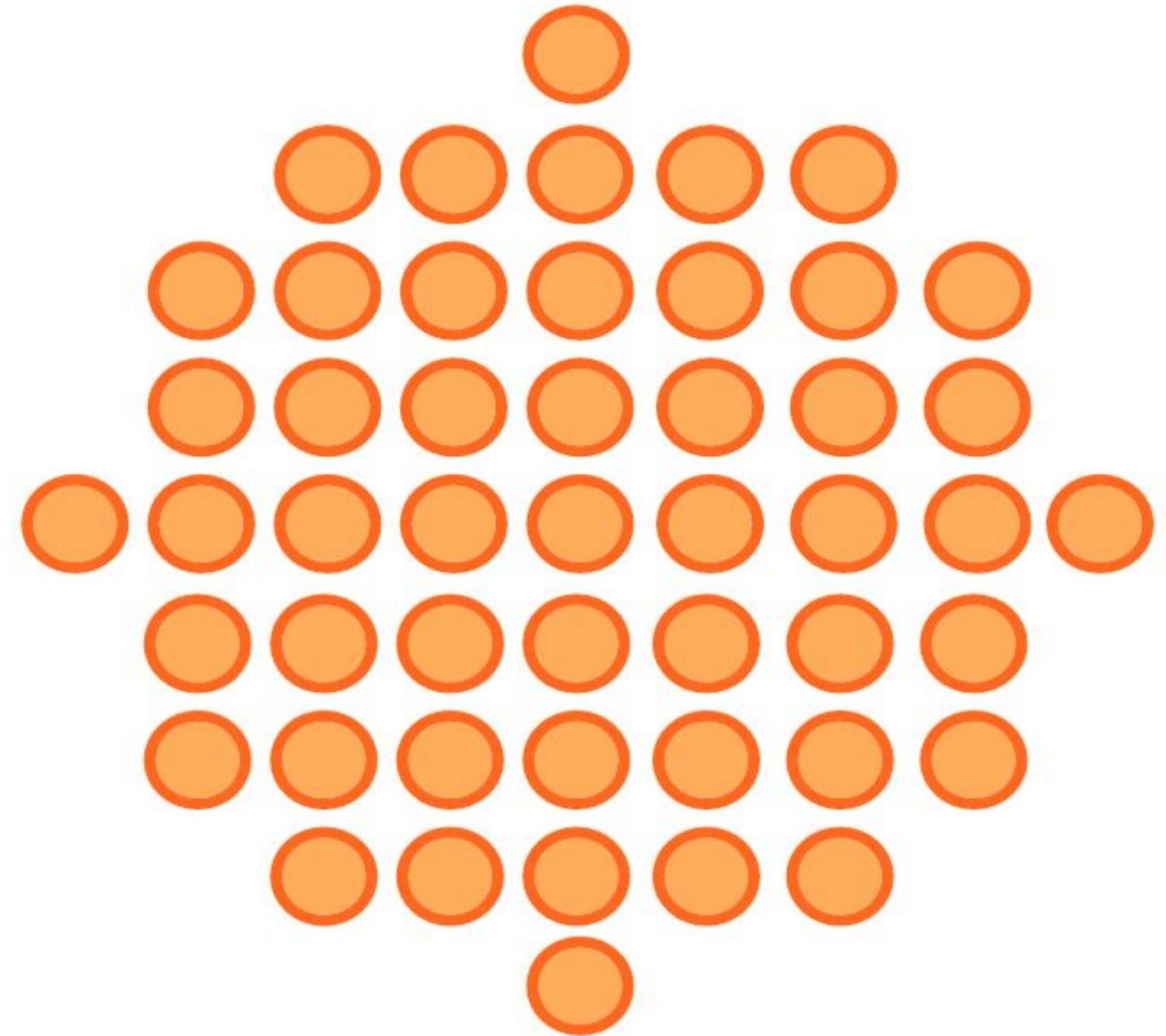


Warm up - Lateral thinking



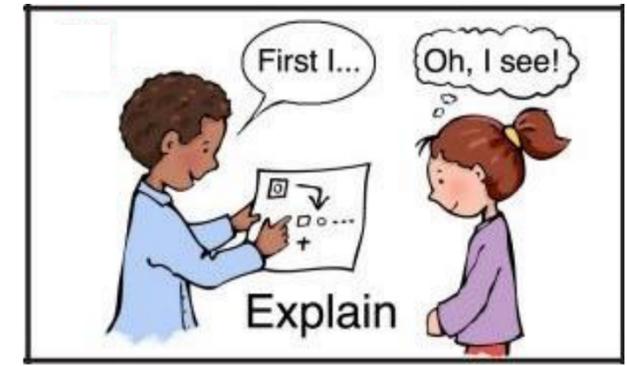
How many counters are there?

How did you work it out?



Talk Task - Estimating calculations

Place multiples of 100 onto the number line to explain your estimate of each calculation.



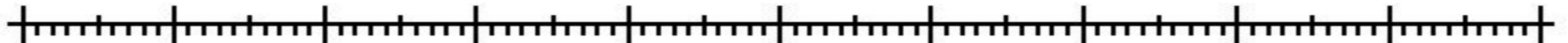
$$197 \times 7$$



$$312 \div 4$$



$$295 \times 9$$



Use the round and adjust strategy to calculate.
Demonstrate the strategy using area models
Can you use a blank number to help?



$$119 \times 4$$

$$398 \times 5$$

$$295 \times 7$$



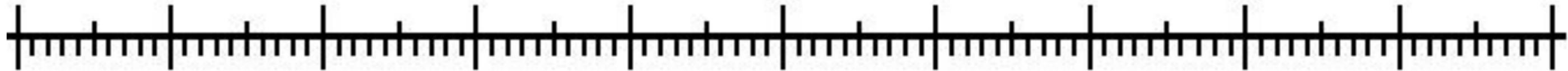
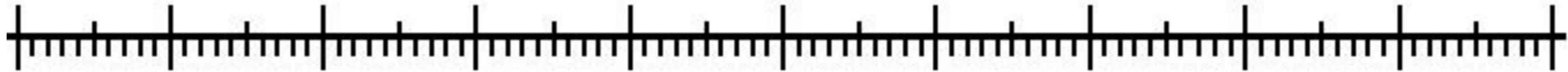
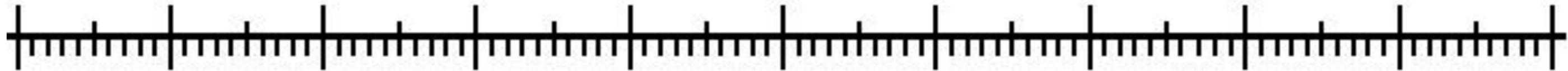
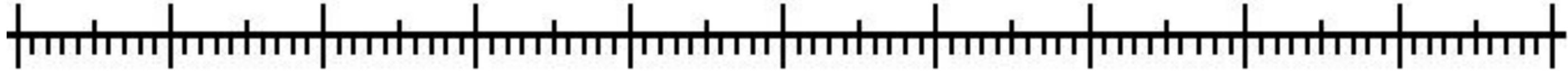
$$464 \div 8$$

$$888 \div 3$$

$$1770 \div 6$$



Number lines for support



Challenge Slide - Flexibility Fun

Can you use three different strategies to complete the two calculations below?



$$\begin{array}{r} 119 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$3 \overline{) 888}$$

As an extension, create a maths story to help write a word problem to suit the calculations

