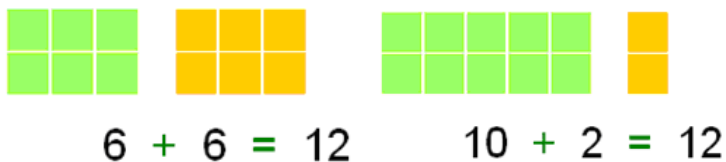


## TEENY (*Numbers within 20*)



Use counters to explore doubles (double 1 is 2:  $1 + 1 = 2$ , double 6 is 12:  $6 + 6 = 12$ , etc.) up to double 10. Investigate linked subtractions:  $14 - 7 = 7$ . (See 'Tap Say Turn - Number Bonds' for help with memorising),

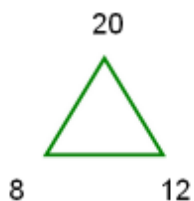
Use counters to explore ways of partitioning 12 (eg  $6 + 6$ ,  $10 + 2$  etc). Repeat for other teens. Arrange the counters in pairs like this.



Investigate teens facts ( $4 + 10 = 14$ ,  $6 + 10 = 16$  etc) using counters. Speak aloud *four* and *ten* is *four-teen* etc. Memorise them: (see *Tap Say Turn - Number Bonds* again for help with memorising),

Explore doubles and teens together:  $7 + 7 = 14$ ;  $10 + 4 = 14$ ; etc.

Explore how the pairs that make 10 can help with pairs that make 20.



$$12 + 8 = 20$$

$$8 + 12 = 20$$

$$20 - 8 = 12$$

$$20 - 12 = 8$$

Explore addition triangles and their fact families. Investigate: the number at the top of the triangle is at the end of the additions and the start of the subtractions and is (usually!) the larger number.