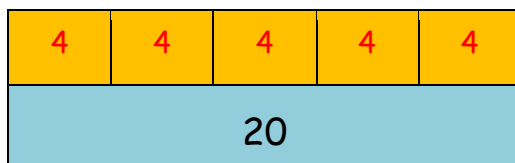
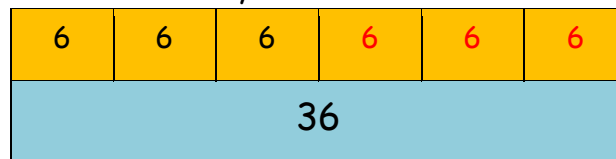
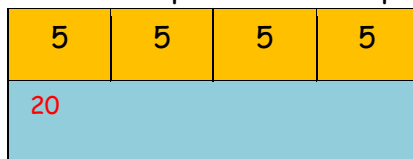


L.O: To recognise multiplication as repeated addition

- 1) Cut and stick the bar model in your book. Fill in any gaps and write down the multiplication and repeated addition sums you know from it.



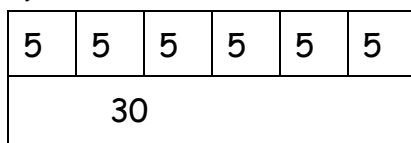
$$5+5+5+5 = 20 \quad 4 \times 5 = 20$$

$$4+4+4+4+4 = 20 \quad 5 \times 4 = 20$$

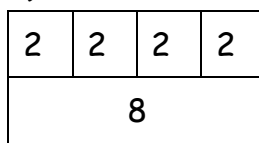
$$6+6+6+6+6+6 = 36 \quad 6 \times 6 = 36$$

- 5) Draw models for the following calculations

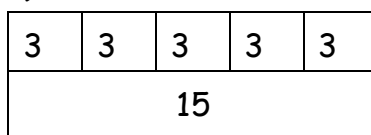
a) $6 \times 5 = 30$



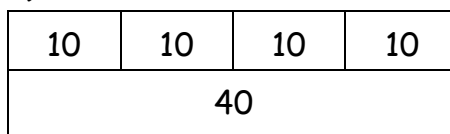
b) $4 \times 2 = 8$



c) $3 + 3 + 3 + 3 + 3 = 15$



d) $40 = 10 + 10 + 10 + 10$



L.O: To recognise multiplication as repeated addition

6) Cut and stick each question then answer it showing your proof. There is an example to help you.

Who runs the furthest?

d) Mrs Kirk who runs 8 laps of 2km

e) Mrs Scammell who runs 4 laps of 5km

Mrs Scammell runs the furthest because $5+5+5+5 > 2+2+2+2+2+2+2+2$
 $4 \times 5 > 8 \times 2$

<p>Which choice has the most biscuits?</p> <p>D) 4 packets with 5 biscuits in each.</p> <p>E) 3 packets with 10 biscuits in each.</p> <p>$5+5+5+5 < 10+10+10$ $4 \times 5 < 3 \times 10$</p>	<p>Which has more bottles of water?</p> <p>F) Two crates of 20.</p> <p>f) Four crates of 10.</p> <p>$20+20 = 10+10+10+10$ $2 \times 20 = 4 \times 10$</p>
<p>Which gives Hannah more money?</p> <p>c) Two money bags, each with two 10 pence pieces.</p> <p>d) Three money bags, each with four 2 pence pieces.</p> <p>$10+10+10+10 >$ $2+2+2+2+2+2+2+2+2+2$ $4 \times 10 > 3 \times 8$</p>	<p>Who has the most legs?</p> <p>c) 5 spiders</p> <p>d) 10 horses</p> <p>$8+8+8+8 = 4+4+4+4+4+4+4+4$ $5 \times 8 = 10 \times 4$</p>