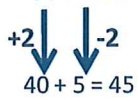
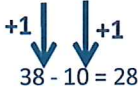


BY THE END OF YEAR 4

Stage 5 (Early Additive)

Addition and Subtraction	Multiplication and Division	Fractions, Decimals, Percentages
<p>Strategy 1: $38 + 7 = 45$ (part whole) $38 + 7 = ?$  $40 + 5 = 45$</p> <p>Strategy 2: $37 - 9 = 28$ (part whole) $37 - 9 = ?$  $38 - 10 = 28$</p>	<p>Strategy 1: Knows 2, 5 and 10 tables</p> <p>Strategy 2 Use multiplication to solve division problems e.g. $40 \div 5 = \dots$</p> <p>$5 \times \dots = 40$</p>	<p>Strategy 1: $\frac{1}{6}$ of $12 = ?$</p> <p>Solve using repeated addition e.g. $2 + 2 + 2 + 2 + 2 + 2 = 12$ <i>Numerators can be larger than 1</i></p> <p>Strategy 2: $\frac{2}{5}$ of $? = 8$</p> <p><i>Uses a diagram and repeated addition to solve this question.</i></p>
Knowledge	<p>Forwards number word sequence: Stage 5: Counts up to 1000 and states the number after any number (between 1 and 1000)</p> <p>Backwards number word sequence: Stage 5: Counts back from 1000 and states the number before any number (between 1 and 1000)</p> <p>Fractional numbers: Stage 5: Orders unit fractions (e.g. $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$) and adds fractions with like denominators up to 1 whole e.g. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$</p> <p>Place Value: Stage 5: Knows tens in numbers to 1000, tenths among whole numbers</p> <p>Basic facts: Stage 5: Addition facts and multiplication facts for 2, 5, 10</p>	



1) I have 38 stamps and I collect 7 more. How many stamps do I have?



2) The dairy has 37 oranges. They sell 9 of them. How many oranges do they have left?



3) I have 5 packs of tennis balls. There are 4 tennis balls in each pack. How many tennis balls do I have?



4) I have 24 stickers that I want to share evenly between 4 friends. How many stickers should each person get?



Students may use a diagram to answer this question

5) Share these counters (provide 18 counters) into 6 groups. How many counters are in each group?

$$\left(\frac{1}{6} \text{ of } 18 = ?\right)$$

6) There are 8 candles on $\frac{2}{5}$ of this cake. How many candles must be on the whole cake?

