

GRANNY'S FRUIT AND VEGETABLES

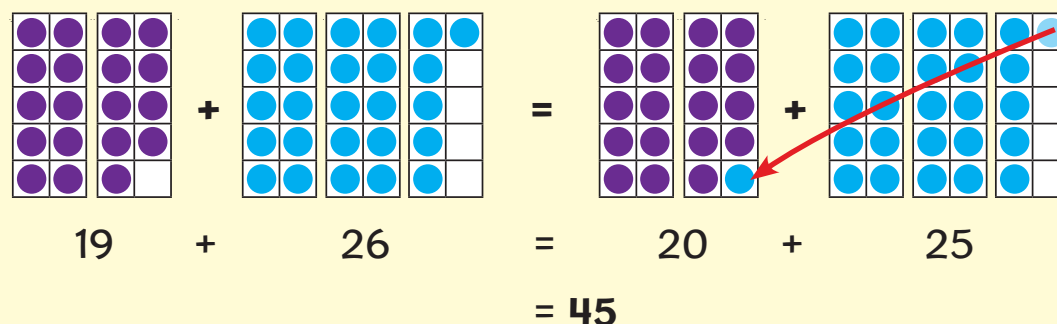
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Granny had to do some additions and subtractions to help her work out what to take to the market. She tried two different tens strategies to work out her answer. For each question, which way do you think is more efficient? Explain why.

a $19 + 26 =$

Strategy 1

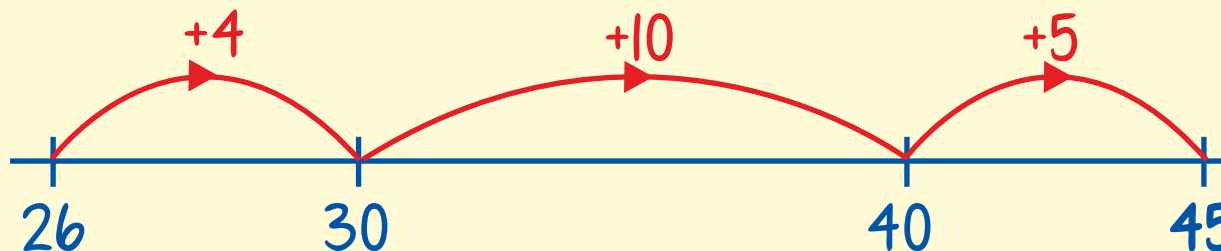
$$\begin{aligned}
 19 + 26 &= 20 + 25 \\
 &= 20 + 20 + 5 \\
 &= 40 + 5 \\
 &= 45
 \end{aligned}$$



(making one number a tens number)

Strategy 2

$$\begin{aligned}
 19 + 26 &= 26 + 19 \\
 &= 26 + 4 + 10 + 5 \\
 &= 45
 \end{aligned}$$



(jumping up through a tens number)

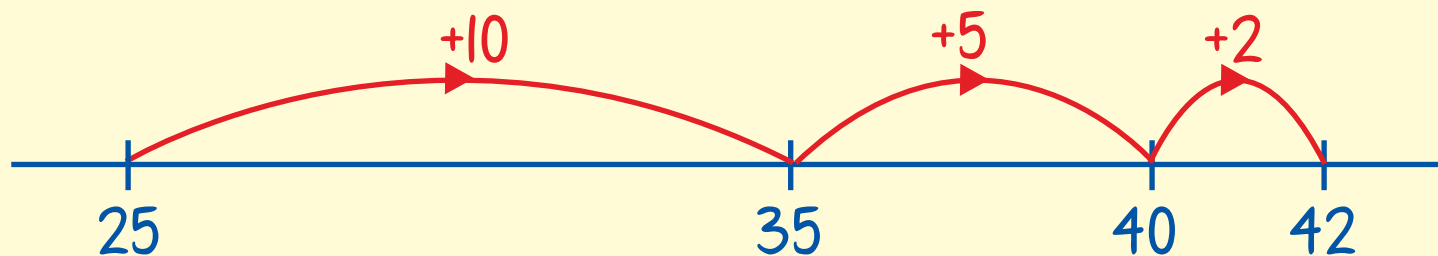
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b $25 + 17 =$

Strategy 1

$25 + 17 =$

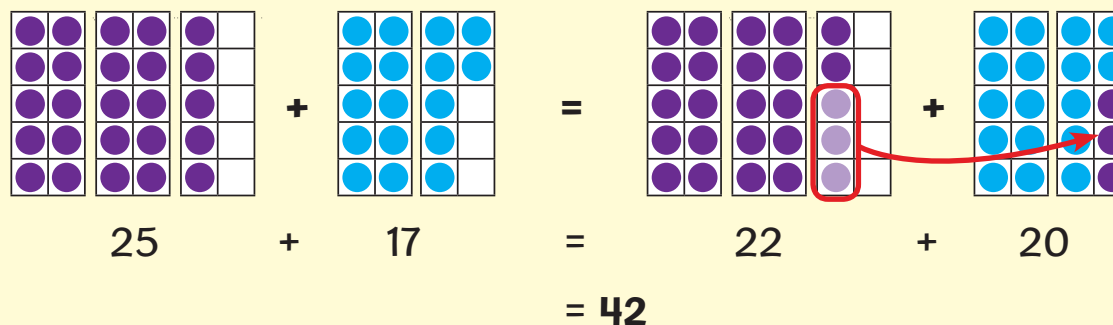


$$\begin{aligned}
 25 + 17 &= 25 + 10 + 5 + 2 \\
 &= 42
 \end{aligned}$$

(adding in parts)

Strategy 2

$$\begin{aligned}
 &\overset{-3}{25} + \overset{+3}{17} = 22 + 20 \\
 &= 42
 \end{aligned}$$



(making one number a tens number)

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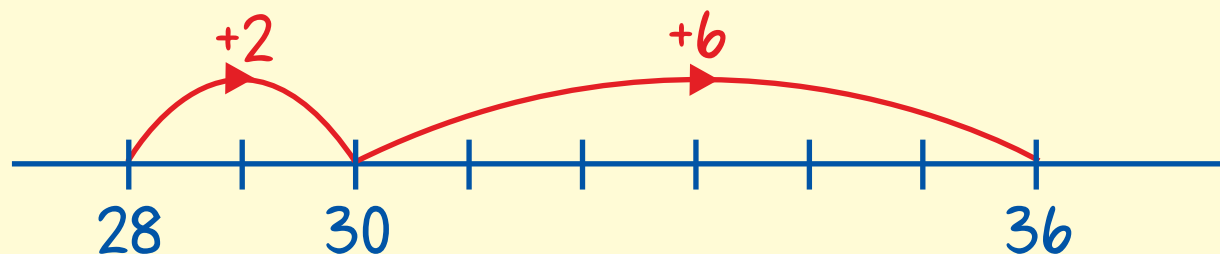
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c $28 + ? = 36$

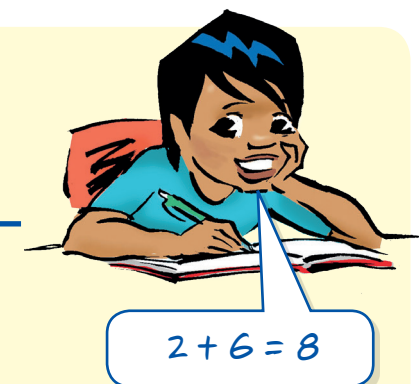
Strategy 1

$28 + ? = 36$

$28 + 8 = 36$



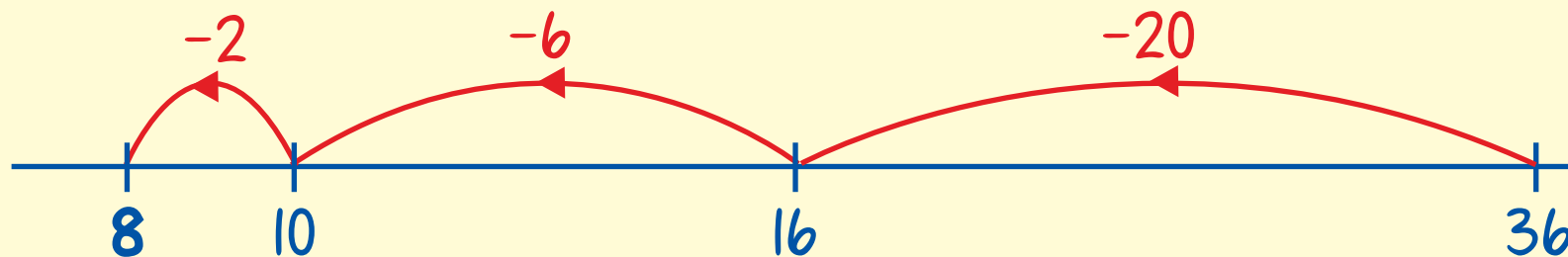
(jumping up through a tens number)



Strategy 2

$28 + ? = 36$ is the same as $36 - 28 = ?$

$36 - 20 - 6 - 2 = 8$



(subtracting in parts)

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Which strategy you think would be the best to find the answers to these?
Choose from the box and explain why your strategy is efficient.

- a $35 + 18 =$
- b $56 - 17 =$
- c $38 + ? = 52$
- d $136 + 14 + 6 =$
- e $122 - 15 =$

**Jumping through
a tens number**

Adding in parts

**Adding by making
a tens number**

Subtracting in parts

