

Addition 5 – Mental strategy 3

Carla ran 35 metres. Liam ran 28 metres.
How many metres did they run altogether?

$$35 + 28 = \boxed{?}$$

Step 1: Remember the 35.

Step 2: Change the 28 into tens and units.

$$\begin{array}{r} 35 + 28 = \boxed{?} \\ \rightarrow 35 + 20 + 8 = \boxed{?} \\ \rightarrow 55 + 8 = 63 \end{array}$$

Add the following by changing the second number into tens and units.

$$\begin{array}{l} 1. \quad 38 + 54 = \boxed{?} \\ \rightarrow 38 + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array} \quad \begin{array}{l} 2. \quad 58 + 37 = \boxed{?} \\ \rightarrow 58 + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array}$$

$$\begin{array}{l} 3. \quad 29 + 26 = \boxed{?} \\ \rightarrow 29 + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array} \quad \begin{array}{l} 4. \quad 18 + 44 = \boxed{?} \\ \rightarrow 18 + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array}$$

$$\begin{array}{l} 5. \quad 46 + 36 = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array} \quad \begin{array}{l} 6. \quad 38 + 36 = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} + \boxed{} = \boxed{?} \\ \rightarrow \boxed{} + \boxed{} = \boxed{} \end{array}$$

Add the following by changing the second number into tens and units.

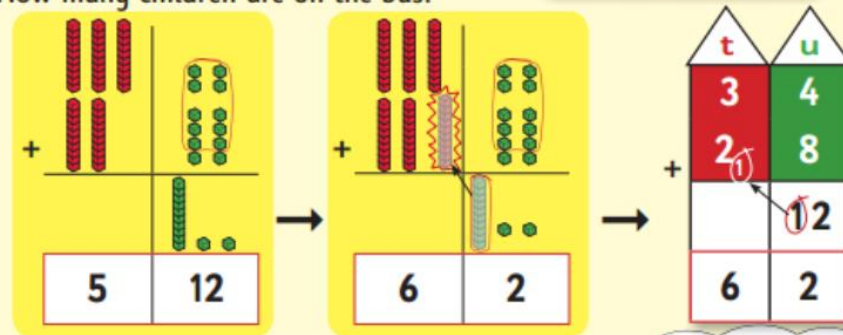
$$\begin{array}{lll} 7. (a) \quad 35 + 37 = \boxed{} & (b) \quad 36 + 28 = \boxed{} & (c) \quad 27 + 36 = \boxed{} \\ 8. (a) \quad 53 + 29 = \boxed{} & (b) \quad 66 + 28 = \boxed{} & (c) \quad 37 + 46 = \boxed{} \\ 9. (a) \quad 26 + 48 = \boxed{} & (b) \quad 39 + 19 = \boxed{} & (c) \quad 18 + 56 = \boxed{} \end{array}$$

Addition 5 – Regrouping

Step 1: Add the units.
Step 2: Regroup the 12 units as 1 ten and 2 units.

There are 34 children upstairs on a bus.
There are 28 downstairs.
How many children are on the bus?

$$34 + 28 = \boxed{?}$$



Complete.

$$\begin{array}{l} 1. (a) \quad \begin{array}{|c|c|} \hline t & u \\ \hline 6 & 2 \\ \hline \end{array} + \begin{array}{|c|c|} \hline t & u \\ \hline 0 & 9 \\ \hline \end{array} \\ (b) \quad \begin{array}{|c|c|} \hline t & u \\ \hline 2 & 3 \\ \hline \end{array} + \begin{array}{|c|c|} \hline t & u \\ \hline 1 & 8 \\ \hline \end{array} \\ (c) \quad \begin{array}{|c|c|} \hline t & u \\ \hline 5 & 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline t & u \\ \hline 2 & 0 \\ \hline \end{array} \\ (d) \quad \begin{array}{|c|c|} \hline t & u \\ \hline 1 & 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline t & u \\ \hline 1 & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{l} 2. (a) \quad \begin{array}{r} t \quad u \\ 38 \\ + 13 \\ \hline \end{array} \quad (b) \quad \begin{array}{r} t \quad u \\ 43 \\ + 19 \\ \hline \end{array} \quad (c) \quad \begin{array}{r} t \quad u \\ 56 \\ + 35 \\ \hline \end{array} \quad (d) \quad \begin{array}{r} t \quad u \\ 62 \\ + 18 \\ \hline \end{array} \quad (e) \quad \begin{array}{r} t \quad u \\ 78 \\ + 19 \\ \hline \end{array} \quad (f) \quad \begin{array}{r} t \quad u \\ 35 \\ + 36 \\ \hline \end{array} \end{array}$$

$$\begin{array}{l} 3. (a) \quad \begin{array}{r} t \quad u \\ 46 \\ + 38 \\ \hline \end{array} \quad (b) \quad \begin{array}{r} t \quad u \\ 29 \\ + 34 \\ \hline \end{array} \quad (c) \quad \begin{array}{r} t \quad u \\ 37 \\ + 44 \\ \hline \end{array} \quad (d) \quad \begin{array}{r} t \quad u \\ 53 \\ + 18 \\ \hline \end{array} \quad (e) \quad \begin{array}{r} t \quad u \\ 66 \\ + 27 \\ \hline \end{array} \quad (f) \quad \begin{array}{r} t \quad u \\ 68 \\ + 19 \\ \hline \end{array} \end{array}$$

Challenge There are 27 children in first class.
There are 34 in second class. How many children are there altogether in the two classes?

$$\begin{array}{|c|c|} \hline t & u \\ \hline + & \\ \hline \end{array}$$






Addition 5

Circle ✓ if you must regroup. Circle ✗ if you don't regroup. Complete.

1. (a)	(b)	(c)	(d)	(e)	(f)
✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗
t u	t u	t u	t u	t u	t u
4	2 4	6	2 5	2 3	3 6
+ 5	+ 1 5	+ 7	+ 5	+ 6	+ 7
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

2. (a)	(b)	(c)	(d)	(e)	(f)
✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗	✓ or ✗
t u	t u	t u	t u	t u	t u
4	4 6	6 8	2 3	9 1	6 6
+ 6	+ 3 5	+ 2 2	+ 5 1	+ 7	+ 2 5
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Solve these problems.

3.  There are 26 aeroplanes up in the air and there are 45 aeroplanes down in the airport. How many aeroplanes are there altogether?
4. There are 17 monkeys and 52 lions in the safari park. How many animals are there altogether?  
5.  David has 36 toy cars. Adrian has 18 more than David. How many toy cars has Adrian?
6. There are 27 chairs in classroom A. There are 29 chairs in classroom B. How many chairs are there altogether? 

Write a number story for this number sentence. $46 + 38 = 84$

Money 3 – Fifty cent



1. Ring the sets of coins that make 50c. Join to the 50 coin.



2. Draw the least number of coins needed to make these amounts.

(a) 29c		(b) 37c	<input type="text"/>
(c) 44c	<input type="text"/>	(d) 48c	<input type="text"/>

3. Write the value of the blank coin in each of these.

(a)     <input type="text"/>	(b)      <input type="text"/>
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Challenge



Mark has   . Madge has   .

(a) Who has more?

(b) Madge needs to find c more to have .