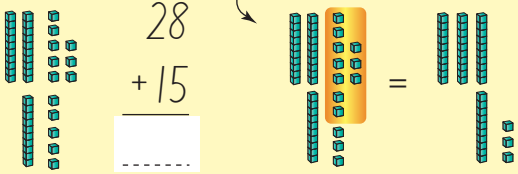
NA 41C Addition with trading

Maths Builder Online Reference: **Addition and Subtraction 3:NA41C**

Problem: 28 students in 3M and 15 students in 3R went swimming.
How many students went swimming altogether?



Now we have 4 tens and 3 ones.

4 tens 3 ones

= 43

Setting out

Find: How many students went swimming

Number sentence:

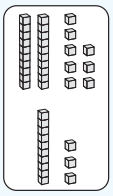
28 + 15 = _____

Answer in words:

_____

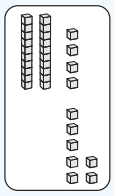
1 Use the Base 10 blocks to complete these algorithms.

a



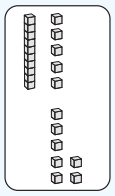
$$\begin{array}{r} 2\ 8 \\ +\ 1\ 3 \\ \hline \end{array}$$

b



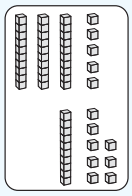
$$\begin{array}{r} 2\ 4 \\ +\ \ 7 \\ \hline \end{array}$$

c



$$\begin{array}{r} \square \\ +\ \square \\ \hline \square \end{array}$$

d



$$\begin{array}{r} \square \\ +\ \square \\ \hline \square \end{array}$$

2

a 37 + 16 = 3 tens 7 ones

+ 1 ten 6 ones

= 4 tens (trade) 13 ones

= ☐ tens ☐ ones

b 69 + 28 = 6 tens 9 ones

+ 2 tens 8 ones

=

= ☐ tens ☐ ones

3 Use concrete materials to solve these algorithms.

a 3 3 + 9 = ☐

b 4 6 + 1 6 = ☐

c 5 5 + 2 8 = ☐

d $3 7 + $4 4 = ☐

e $1 9 + $5 2 = ☐

f 3 6 + 2 5 = ☐

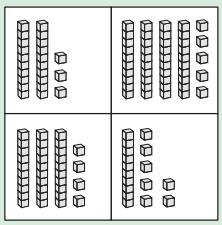
g 3 9 + 2 3 = ☐

h 1 8 + 4 3 = ☐

i $7 6 + $1 4 = ☐

j $3 3 + $2 6 = ☐

4 Use these Base 10 blocks to complete these addition algorithms.



a

$$\begin{array}{r} 2\ 3 \\ 3\ 4 \\ 1\ 7 \\ \hline \end{array}$$

b

$$\begin{array}{r} 2\ 3 \\ 3\ 4 \\ 4\ 5 \\ \hline \end{array}$$

c

$$\begin{array}{r} 1\ 7 \\ 2\ 3 \\ 4\ 5 \\ \hline \end{array}$$

d

$$\begin{array}{r} 1\ 7 \\ 2\ 3 \\ 3\ 4 \\ 4\ 5 \\ \hline \end{array}$$

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