## Challenge cards

Reason and problem solving cards:

Spot the mistakes.


Explain your answer.

Complete the part-whole diagram and stem sentences.


$$
8+4=
$$

$\qquad$
$\qquad$ $+$ $\qquad$ $=$ $\qquad$
$\qquad$
$\qquad$ $=$ $\qquad$
$\qquad$

- $\qquad$ = $\qquad$

Repeat for 12-7.
Can you create your own?


If not, what mistakes have been made?

Complete the part-whole diagram and stem sentences.

$7+4=11$
$4+7=11$
$11-4=7$
$11-7=4$

The part-whole diagram and stem sentences match.


True or false?
Explain your answer.

## Challenge cards

Reason and problem solving cards:

Spot the mistakes.


The part-whole diagram represents $8+5=13$.
Explain your answer. 7 and 6 are not part of the related facts.

Complete the part-whole diagram and stem sentences.


$$
\begin{aligned}
& \frac{6}{9}+\frac{9}{6}=\frac{15}{15} \\
& -15-6=9
\end{aligned}
$$

$$
15-9=6
$$

Complete the part-whole diagram and stem sentences.


Repeat for $12-7$.
Can you create your own?

$9+8=17$
$8+9=17$
$8-9=17$
$9-8=17$
If not, what mistakes have been made?

The part-whole diagram and stem sentences match.


True or false?
True. There are the correct number of blocks in each
Explain your answer. part. 8 and 6 make 14 .

