## Substitute into single expressions

Substitute $h=7$ into each of these expressions. Use the bar models to help you.

a) $3 h=$\begin{tabular}{|l|l|l|}
\hline 21 <br>
\hline

$\quad$

\hline$h$ \& $h$ \& $h$ <br>
\hline
\end{tabular}

b) $h+3=$ $\square$ | $h$ | 3 |
| :--- | :--- |

c)

d) $5+h=$ $\square$


e) $h+27=34$ | $h$ | 27 |
| :--- | :--- | -

$\square$
(2)

Dexter is substituting $y=8$ into these expressions.


Do you agree with Dexter? $\qquad$
Explain your answer.
Addition is commutarive.
$8+3=3+8$
b)

$\qquad$

Do you agree with Dexter? No
Explain your answer.

Division is not commutative

$$
\frac{8}{4} \neq \frac{4}{8}
$$

Rosie substitutes $g=12$ into the expression $7-g$. Here is her working out.

$$
\begin{aligned}
& g=12 \\
& 7-12=5
\end{aligned}
$$

Explain why Rosie's answer is incorrect.

b) $p-3=13$

$p-p=0$

d) $\frac{p}{2}=8$


