

Evaluating Algebraic Expressions

- 1) Evaluate each of the following expressions for the given values of y .



The first ones are done for you



Write the answer ONLY

Expression	Value of the expression when	
	$y = 25$	$y = 16$
$y + 5$	$25 + 5 = \underline{30}$	$16 + 5 = \underline{21}$
$y + 43$		
$y - 12$		
$y - 7$		
$40 + y$		
$35 - y$		



2) Find the value of each expression when $t = 12$



The first one is done for you as an example



Write the answer **ONLY**

a) $2t = \underline{24}$ $= 2 \times t$ $= 2 \times 12$ $= \underline{24}$	b) $\frac{t}{6} = \underline{\hspace{2cm}}$
c) $5t = \underline{\hspace{2cm}}$	d) $\frac{t}{12} = \underline{\hspace{2cm}}$
e) $20t = \underline{\hspace{2cm}}$	f) $\frac{t}{2} = \underline{\hspace{2cm}}$
g) $3t - 4 = \underline{\hspace{2cm}}$	h) $\frac{5x}{5} + 12 = \underline{\hspace{2cm}}$

3) Find the value of $5x + 8y$, when $x = 2$ and $y = 3$

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4) Find the value of $\frac{2m-2}{n}$ when $m = 7$ and $n = 4$

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5) Find the value of $\frac{4a}{5b}$ when $a = 5$ and $b = 1$

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Teacher Dini/Year 6/SRDMWL/2022