

30/3/2020

LO: use one and two-step functions

Function: $\times 3, + 2$

- A1) If the input is 4, the output is...?
- A2) If the input is 2.5, the output is...?
- A3) If the input is 37, the output is...?
- A4) If the output was 17, the input was...?

Function: $+ 5, \div 4$

- B1) If the input is 7, the output is...?
- B2) If the input is 23, the output is...?
- B3) If the input is 463, the output is...?
- B4) If the output was 16, the input was...?

- C1) What is $3n+2$ when $n=6$?
- C2) What is $4n-2$ when $n=7$?
- C3) What is $2n+5.5$ when $n=3.5$?
- C4) What is $6n-7$ when $n=58$?

D1) If $m = \frac{4}{5}$ and $k = 0.1$, work out the value of $m+2k$

$a = 10$

Write the expressions in order, starting with the smallest value.

$5a$	$a + 5$	$\frac{a}{5}$	a^2
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D2)

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$a = 15$

D3) Write three different algebraic expressions that give a value of 40