Grade 7 Maths Worksheet

Expressions and operations

Questions:

1. Complete the following:

a) $12 \ (\square +7) = \square \times 3 + 12 \times 7 = 36 + \square = \square$

b) $\square (\square -17) = \square \times 23 - 5 \times \square = \square -85 = 30$

Solution

1. a) $12\,(\boxed{3}+7) = \boxed{12} \times 3+12\times 7=36+\boxed{84} = \boxed{120}$

    b) $\boxed{5}\,(\boxed{23}-17)=\boxed{5} \times 23-5\times \boxed{17} =\boxed{115} -85=30$

Learners are required to create equivalent expressions by starting anywhere and using the information that is given in the number sentence. Input and output completely mixed here.

Appendix of Assignment Tools
Equivalence
Order of operations
Input / Output