



1)  $(8 \times 6) + 12 = 60$

$81 \div (6 - 3) = 27$

$(19 + 14) \times 6 = 198$

$36 - (14 + 9) = 13$

2)  $13 \times (5 - 2) = (3 \times 15) - 6$

$181 - (27 \div 3) = 17 \times (29 - 19) + 2$

1) Adam has moved from left to right in this calculation, ignoring the order of operations. The correct answer is 28.

Adam has taken 4 away from 6 then added the answer to  $24 \div 3$ . The correct answer is 44.

2) a)  $30 \div (6 + 4)$  is the correct answer.

b) Each group will consist of 10 children (6 boys + 4 girls). We need to divide the total number of children in the class by the number of children in a whole group. This means there will be 3 groups of 10.



1) a) 

Number from Set 1	× (	Number from Set 2	+	Number from Set 3	)	=	30
<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>			

Accept:  $2 \times (5 + 10) = 30$ ,  $2 \times (6 + 9) = 30$  and  $2 \times (7 + 8) = 30$

b) 

Number from Set 1	× (	Number from Set 2	+	Number from Set 3	)	=	42
<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>			

Accept:  $3 \times (5 + 9) = 42$  and  $3 \times (6 + 8) = 42$

c) 

Number from Set 1	× (	Number from Set 2	+	Number from Set 3	)	=	56
<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>			

Accept:  $4 \times (6 + 8) = 56$  and  $4 \times (5 + 9) = 56$

2) 

Number from Set 1	× (	Number from Set 2	+	Number from Set 3	)	=	Number between 40 and 60
<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>		<input style="width: 40px; height: 20px;" type="text"/>			<input style="width: 60px; height: 20px;" type="text"/>

Multiple answers possible, for example:

$3 \times (6 + 9) = 45$

$4 \times (5 + 8) = 52$

$4 \times (6 + 9) = 60$

