* Simplify each expression.
1. $20 - 8 + 5 – 2$ 2. $100 ÷ 25 ∙ 2 ÷ 8$
2. $50 - 2 ∙ 9 + 7 - 3 ∙ 5$ 4. $8 +80 ÷ 4 ∙ 10 ÷ 2 - 3 + 4$

1. $7 + 3(4^{2} + 3 ∙ 5)$ 6. $3 ∙ 5^{2 }- 20 ÷ 5 + 5$
2. $\left(3 ∙ 4\right)^{2 }- 2 ∙ 4^{3}$ 8. $\left(3 ∙ 2\right)^{2 } + 5 ∙ 2^{3 }– 1^{3}$
3. $5^{3} - 4(7 + 6 ∙ 4 - 1)$ 10. $70 - 9(10 - 2 ∙ 3 + 2)$
* Identify the step where an error first appears.

11. $4 ∙ 3^{2 } - 24 ÷ 4 ∙ 2 +13$ 12. $2^{3 }+ 4\left(5 + 5 ∙ 2\right) ÷ 6$

 $4 ∙ 9 - 24 ÷ 4 ∙ 2 +13$ STEP 1 $8 + 4\left(5 + 5 ∙ 2\right) ÷ 6$ STEP 1

 $36 - 24 ÷ 4 ∙ 2 +13$ STEP 2 $8 + 4\left(5 + 10\right) ÷ 6$ STEP 2

 $36 - 24 ÷ 8 + 13$ STEP 3 $8 + 4\left(15\right) ÷ 6$ STEP 3

 $36 - 3 + 13$ STEP 4 $12\left(15\right) ÷ 6$ STEP 4

 $ 33 + 13$ STEP 5 $180 ÷ 6$ STEP 5

 $ 46$ STEP 6 $30$ STEP 6