

Weekly Question (18 Apr)

Last month, Kaley's salary was 15% less than Jimmy's salary. This month, Kaley's salary increases by 15% to \$3519 while Jimmy's salary remains unchanged. What is the difference between their salaries this month?

Solution:

This month, Kaley's salary: 115% → \$3519

Last month, Kaley's salary: 100% → $\frac{3519}{115\%} \times 100\% = \3060

85% → \$3060 (Kaley's salary)

100% → $\frac{3060}{85\%} \times 100\% = \3600 (Jimmy's salary)

Difference → $\$3600 - \$3519 = \$81$

Ans: The difference between Jimmy's salary and Kaley's salary this month is \$81.