1) $\frac{3}{5} \times \frac{x}{100} = \frac{300}{5x} = 60$

2) $\frac{150}{25} \times \frac{x}{100} = \frac{15000}{25x} = 600$

3) $\frac{13}{50} \times \frac{x}{100} = \frac{1300}{50x} = 26$

4) 0,04

5) a) 0,37 b) 0,80 c) 0,145 d) 60% e) 1

6) $\frac{380}{100} \times \frac{x}{15} = \frac{5700}{100x} = 57$

7) $\frac{40}{100} \times \frac{x}{15} = \frac{600}{100x} = 6$

8) $\frac{36}{6} \times \frac{x}{100} = \frac{3600}{6x} = 600$

9) $\frac{300}{15} \times \frac{x}{100} = \frac{30000}{15x} = 2000$

10) fator = 95 ÷ 100 = 0,95 $\quad 35000 \cdot 0,95 = 33250$

11) $\frac{420000}{100} \times \frac{407000}{x} = \frac{407000000}{420000x} = 96,90$ $\quad 100 - 96,90 = 03,10$

12) fator = 120 ÷ 100 = 1,2; 80 ÷ 100 = 0,8

$32 \cdot 1,2 = 38,4$ aumento

$32 \cdot 0,8 = 25,6$ desconto

13) fatores = 0,20; 0,15

$x + y = 270$

$0,20x + 0,15y = 48$

$x = 270 - y$

$(270 - y)\,0,20 + 0,15y = 48$

$54 - 0,20y + 0,15y = 48$ $\quad (-0,2 + 0,15)$ $\quad (54 - 48)$

$-0,05 = -6$

$y = \frac{6}{0,05} = 6 \cdot \frac{100}{5} = \frac{600}{5} = 120$

$y = 120$

$x = 270 - 120 = 150$

14) $x - 0,85 = 450$

fator = 0,85

$\frac{450}{15} \times \frac{x}{100} = \frac{45000}{15x} = 3000$

15) $\frac{60500}{55} \times \frac{x}{100} = \frac{6050000}{55x} = 110000$

16) fator 0,03 $\quad 300 / 0,03 = 10000$