20/July

H/W

Exercise 7(A)

(15) $25\% = 120 + 15$

$= 140$

$1\% = \frac{140}{35}$

$= 4$

$100\% = 4 \times 100$

$= 400$

(16) (i) John $= \frac{150}{100} \times 80$

$= 120$

Mohan $= \frac{150}{100} \times 64$

$= 96$

(ii) Mohan's to John's $= \frac{96}{120} \times 100$

$= 80\%$

(17) No $= 8000$

increased $= 8000 + \frac{8000}{100} \times 20$

$= 8000 + 1600$

$= 9600$

decreased $= 9600 - \frac{9600}{100} \times 20$

$= 9600 - 1920$

$= 7680$

So, The no we got is 7680

(18) No $= 12,000$

decrease $= 12000 - \frac{12000}{100} \times 25$

$= 12000 - 3000$

$= 9000$

increase = $9000 + \frac{9000}{100} \times 25$

$= 9000 + 2250$

$= 11250$

So, we get 11250.

(19) let the cost of article = ₹100

increase = $100 + \frac{100}{100} \times 20$

$= 100 + 20$

$= ₹120$

decrease = $120 - \frac{120}{100} \times 30$

$= 120 - 36$

$= ₹84$

So, we get ₹84

(20) let the cost of article = ₹100

decrease = $100 - 25$

$= ₹75$

decrease again = $75 - \frac{75}{100} \times 25$

$= 75 - 18.75$

$= ₹56.25$

So, we get ₹56.25.