

Ex-20A

3- Find the value of

(i) $4pq \times 5$, when $p=5$, $q=3$ and $r=1/2$
50

(ii) $\frac{xyx}{z}$, when $x=8$, $y=4$ and $z=16$
2

(iii) $\frac{a+b-c}{2a}$, when $a=5$, $b=7$ and $c=2$

(i)

Ex-20B

2- Simplify

(i) $12x - (5x + 2x)$
 $-5x$

(ii) $10m + (4n - 3n - 5n)$
 $10m - 9n$

(iii) $(5b - 6b) - (8b + 4b)$
 $-3b$

(iv) $- (4a - 8a)$

Do

$$(i) x - (x - y) - (-xy)$$

=

$$(ii) p + (-q - r - s) - (p - q - r)$$

=

$$(iii) (a + b) - (a + d) - (c - f)$$

$$= a + b - c - d - c + f$$

$$(iv) 3x + (2x - 5x) - (7x - x)$$

= 0

$$(v) a - (a - b - c)$$

b + c

$$(vi) 6a^2 + (2a^2 - a^2) - a^2 - (a^2)$$

$6a^2 + 0$