Integers Ex 1.4 Q1

Answer :

On applying the BODMAS rule, we get:

$3 - (5 - 6 \div 3)$

$= 3 - (5 - 2)$ (On performing division)

$= 3 - 3$ (On performing subtraction)

$= 0$

Integers Ex 1.4 Q2

Answer :

On applying the BODMAS rule, we get:

$-25 + 14 \div (5 - 3)$

$= -25 + 14 \div 2$ (On simplifying brackets)

$= -25 + 7$ (On performing division)

$= -18$

Integers Ex 1.4 Q3

Answer :

On applying the BODMAS rule, we get:

$25 - 1/2\ \{5+4-(\ 3 + 2 - \overline{1+3}\ )\}$

$= 25 - \frac{1}{2}\left\{9 - \left(3+2-4\right)\right\}\ \left[\text{Removing vinculum}\right]$

$= 25 - \frac{1}{2}\left\{9 - \left(5-4\right)\right\}\ \left[\text{Performing addition}\right]$

$= 25 - \frac{1}{2}\left\{8\right\}\ \left[\text{Performing subtraction}\right]$

$= 25 - 4$

$= 21$

Integers Ex 1.4 Q4

Answer :

On applying the BODMAS rule, we get:

$27 - [38 - \{46 - (15 - 11)\}]$ (On simplifying vinculum)

$= 27 - [38 - \{46 - 4\}]$ (On simplifying parentheses)

$= 27 - [38 - 42]$ (On simplifying braces)

$= 27 - (-4) = 31$

********** END **********