



Integers Ex 1.1 Q1

Answer :

$$(i) 12 \times 7 = 84$$

$$(ii) (-15) \times 8 = -120$$

$$(iii) (-25) \times (-9) = 225$$

$$(iv) 125 \times (-8) = -1000$$

Integers Ex 1.1 Q2

Answer :

$$(i) 3 \times (-8) \times 5 = -3 \times (8 \times 5) = -120$$

$$(ii) 9 \times (-3) \times (-6) = 9 \times (3 \times 6) = 162$$

$$(iii) (-2) \times 36 \times (-5) = 36 \times (2 \times 5) = 360$$

$$(iv) (-2) \times (-4) \times (-6) \times (-8) = (2 \times 4 \times 6 \times 8) = 384$$

Integers Ex 1.1 Q3

Answer :

$$(i) 1487 \times 327 + (-487) \times 327 = 327 (1487 - 487) = 327 \times 1000 = 327000$$

$$(ii) 28945 \times 99 - (-28945) = 28945 (99 - (-1)) = 28945 (99 + 1) = 2894500$$

Integers Ex 1.1 Q4

Answer :

×	-4	-3	-2	-1	0	1	2	3	4
-4	16	12	8	4	0	-4	-8	-12	-16
-3	12	9	6	3	0	-3	-6	-9	-12
-2	8	6	4	2	0	-2	-4	-6	-8
-1	4	3	2	1	0	-1	-2	-3	-4
0	0	0	0	0	0	0	0	0	0
1	-4	-3	-2	-1	0	1	2	3	4
2	-8	-6	-4	-2	0	2	4	6	8
3	-12	-9	-6	-3	0	3	6	9	12
4	-16	-12	-8	-4	0	4	8	12	16

Yes, the table is symmetrical along the diagonal joining the upper left corner to the lower right corner.

Integers Ex 1.1 Q5

Answer :

The integer, whose product with -1 is the given number, can be found by multiplying the given number by -1 .

Thus, we have:

$$(i) 58 \times (-1) = -58$$

$$(ii) 0 \times (-1) = -(0 \times 1) = 0$$

$$(iii) (-225) \times (-1) = 225$$

***** END *****