

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ
WORKSHEET NO # 2
SESSION 2020-21
CLASS 7 (A,B,C,D,E,F)
SUBJECT: MATHEMATICS

Note: Parents are expected to ensure that the child refers the chapter of the previous class or the internet.

Website: www.wikipedia.com

CHAPTER – INTEGERS
TOPIC- MULTIPLICATION & DIVISION OF INTEGERS

Kindly read the following points carefully and then solve the given questions.

1) The product of two integers of the same sign is a positive integer.

Example:

(i) $(+16) \times (+8) = 128$

(ii) $(-24) \times (-2) = 48$

2) The product of two integers of opposite sign is a negative integer.

Example:

(i) $(-20) \times (+5) = -100$

(ii) $(+20) \times (-25) = -500$

3) If an integer is divided by an integer of the same sign then the quotient is a positive integer.

Example:

(i) $(+48) \div (+6) = 8$

(ii) $(-75) \div (-25) = 3$

4) If an integer is divided by an integer of the opposite sign then the quotient is a negative integer.

Example:

(i) $(+90) \div (-15) = -6$

(ii) $(-120) \div (+6) = -20$

Question 1. Find the product

1) $(-40) \times (-20)$

2) $(-12) \times (+12)$

3) $(-12) \times (-20) \times (-8) \times (+5)$

4) $(26) \times (-4) \times (25) \times (-5)$

Question 2. Find the quotient

1) $(-125) \div (+5)$

2) $(+368) \div (-4)$

3) $(-781) \div (-11)$

Question 3. Simplify using BODMAS

1) $2 \times 50 \div (15-5) + 8$

2) $40 + 12 \div 4 \times 3$

3) $15 + \{84 - 48 \div (7 + 16 \times 2 - 27)\}$

END