

DELHI PUBLIC SCHOOL, JAMMU

REVISION SHEET, SESSION 2018-19

SUBJECT: MATHS

CLASS: VI

CHAPTERS: INTEGERS, FRACTIONS AND DECIMALS

SECTION: A

1Q Multiple Choice Questions:

- (1) An integer between -3 and -1 is
(a) -3 (b) -1 (c) -2 (d) 0
- (2) $(-1) + ? = 0$
(a) +1 (b) -1 (c) 0 (d) None of these
- (3) Express the mixed fraction $1\frac{1}{2}$ as an improper fraction:
(a) $\frac{2}{3}$ (b) $\frac{3}{2}$ (c) $\frac{3}{4}$ (d) None of these
- (4) The Simplest form of $12/20$ is:
(a) $1/5$ (b) $2/5$ (c) $3/5$ (d) $4/5$
- (5) The equivalent fraction of $20/36$ with denominator 9 is
(a) $4/9$ (b) $5/9$ (c) $7/9$ (d) $8/9$
- (6) 5m 5cm is equal to
(a) 5.5m (b) 5.05m (c) 5.005m (d) 0.55m
- (7) How many $\frac{1}{10}$ together make 1?
(a) 10 (b) 1 (c) 100 (d) 1000
- (8) $\frac{7}{25}$ in decimals can be written as
(a) 2.8 (b) 0.28 (c) 0.028 (d) 2.08
- (9) The place value of 7 in 0.02784 is
(a) $\frac{7}{10}$ (b) $\frac{7}{100}$ (c) $\frac{7}{1000}$ (d) $\frac{7}{10000}$
- (10) Zero is less than every _____ integer.
(a) positive (b) negative (c) both positive and negative (d) none of these

SECTION-B

1Q Write the absolute value of each of the following

- (a) -21 (b) 13

2Q Using the number line, write the integers which is:

(a) 3 less than -2 (b) 2 more than 0

3Q Write all integers between

(a) 3 and 4 (b) -1 and -6

4Q Find an integer 'a' such that

(a) $a + 7 = 0$ (b) $-5 + a = 0$

5Q Show the following fractions on the number line:

(a) $\frac{3}{7}$ (b) $\frac{2}{5}$

6Q Convert the following as directed:

(a) $\frac{13}{5}$ (Mixed Fractions) (b) $\frac{137}{10}$ (Improper Fraction)

7Q Write four equivalent fraction of $\frac{8}{11}$

8Q Arrange the following:

(a) $\frac{1}{3}, \frac{1}{9}, \frac{7}{18}, \frac{10}{27}$ (Ascending order)

(b) $\frac{1}{3}, \frac{2}{5}, \frac{2}{3}, \frac{5}{6}$ (Descending order)

9 Q Rewrite in ascending order:

8.2, 8.02, 8.7, 8.17, 8.003, 8.107

10Q Convert: (a) 5.25 into fraction in simplest form.

(b) $6\frac{1}{8}$ into decimal number.

11Q: Express: (a) 25 rupees 50 paise in rupees.

(b) 4 kg 800g in kg.

12Q: Simplify: $513.25 - 12.56 + 41.07 - 306$.

SECTION-C

1Q: Convert the fractions into their lowest form:

(a): $\frac{18}{27}$ (b): $\frac{36}{48}$ (c): $\frac{60}{68}$

2Q: Simplify:

(a) $34 - 14 + 71$ (b) $35 + 12 - (-54)$

3Q: Compare the following fractions:

(a): 45 and 34 (b) 79 and 1318

4Q: Find the value of:

(a) $| -(-13-5) |$ (b) $| 9-7 |$

5Q: Represent the following on the number line:

(a) $-7 - (-4)$ (b) $-3 - 5$

6Q: Evaluate:

(a) $-15 - (-7 - 8)$ (b) $15 + (-9) - 2 - (-3)$

7Q: Arrange the following integers in ascending order:

(A) : $-5, -3, 6, 0, 4, -1, 9, -11$

8Q: Gagan buys exercise books worth Rs56.75, pencils for Rs26.30 and geometry box for Rs42.25.

How much he has to pay for his purchase?

9Q: The height of Akshat is 1.26m and that of Aakash is 1.3m. Who is taller and by how much?

10Q: From a ribbon of length 17m, two pieces of 9m and 3.35m were cut. Find the length of the remaining part.

SECTION-D

1Q: The sum of two integers is 30. If one of them is -10 then find the other number.

2Q: What must be added to -213 to get -312?

3Q: Find the value:-

(a) $(-11) + (-14) + 14 + 4$

(b) $(-25) - (-36) + 42 - (-4)$

4Q: Add (-52) to the difference of (-13) and (-92).

5Q: Simplify:

(a) $\frac{5}{6} + \frac{3}{1} + 1\frac{2}{3}$ (b): $4\frac{2}{3} - 3\frac{1}{4}$

6Q: The weight of three packets are $\frac{17}{5}$ kg, $\frac{7}{3}$ kg, $\frac{26}{5}$ kg. Find the total weight of three packets.

7Q: Determine:

(a) $\frac{2}{3}$ of 15 book (b) $\frac{3}{11}$ of 88 apples (c) $\frac{3}{4}$ of 16 pencils (d) $\frac{5}{4}$ of 32 balloons.

8Q: Find the value of x:

(a) $\frac{3}{4}$ is equivalent of $\frac{x}{32}$ (b) $\frac{7}{15}$ is equivalent of $\frac{x}{39}$

9Q: Raman purchased 5kg25g of fruits and 6kg225g of vegetables and put them in a bag.

The bag with its content weighs 13kg. What is the weight of the empty bag?

10Q: Reena buys books worth Rs95.50 and notebooks for Rs75.25. She gave shopkeeper Rs200.

How much money will Reena get back?