Class 8 Fractions Worksheet

1. Fill in the blanks with the correct symbol:
a) -3/7 ___ 6/-13,
b) 0 _____ -3/-5.

2. Subtract ¾ from ⅓, **-7** from **-4/7**.

3. What number should be subtracted from -⅔ to get **-⅙**?

4. Find the additive inverse of **23/9** and **-8/-7**?

5. Find the value of **(-4/9) -1**.
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6. Fill in the blanks:
a) The reciprocal of a, where 'a' is not equal to 0, is___.
b) Zero has_____ reciprocal.

7. The product of two rational numbers is -9. If one of the numbers is -12, find the other.

8. Divide the sum of **65/12 and 8/3** by their difference.

9. Find **3** rational numbers between **4 and 5**.

10. Find the area of a rectangular park which is **36(⅗) m** long and **16(⅔) m** broad.

11. Verify that **-(-x)** is the same as x for, **x = 13/17**.

12. Is **0.3** the multiplicative inverse of **3(⅓)**? Why or why not?

13. Find five rational numbers greater than **-2**.

14. Simplify: **3 + (5/-7) and 1 + (-⅘)**

15. Write the negative of each of the following:
a) 7/-9
b) -1
c) 0

16. What should be added to **(½ + ⅓ + ⅕)** to get **3**?

17. Simplify:

⅝ + (-⅖) - (-2/15)

18. Multiply: **-11/13 by -21/7**

19. Verify the property:
x × (y + z) = x × y + x × z by taking: **x = -¾, y = -5/2, z = 7/6**.

20. By what number should we multiply **-8/13** so that the product may be **24**?