

Holiday Homework

Class: VI

Subject: Mathematics

1. Find HCF & LCM of

- a. 16, 24, 36
- b. 48, 30
- c. 20, 28, 36
- d. 12, 60, 30

2. Evaluate using suitable property:

- a. 54×99
- b. 102×55
- c. $523 \times 65 + 523 \times 35$
- d. $5 \times 125 \times 20$

3. Make factor tree for 20, 40 and 90.

4. Find the value of the following:

- a. $(-20) - (13)$
- b. $(-13) + (-18)$
- c. $(-9) + (+4) + (-6) + (+3)$
- d. $(-7) - (+10) + (-3)$

5. Find the equivalent fraction of $\frac{2}{9}$

- a. With denominator 63
- b. With numerator 4
- c. With denominator 99
- d. With numerator 16

6. Compare the following fractions:

- a. $\frac{11}{5}$ and $\frac{15}{7}$
- b. $\frac{4}{6}$ and $\frac{9}{10}$