

CLASS VII MATHS

ACTIVITY

Represent a fraction and how it can be splitted (for e.g. $\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$) separately.

Using cardboard and chart.

WORKSHEET

I. Verify the following:

1. $a - (-b) = a+b$; $a=20, b=15$

2. $(-a)-(-b)=(-a)+b$; $a=45, b=22$

II. Use the symbols $<$, $>$, $=$

1. $(-9) + (-5) \dots\dots (-9) - (5)$

2. $23-40+10 \dots\dots 26+40-30$

3. $11+ (-22) \dots\dots 11-22$

4. $29 + (-11) + (-22) \dots\dots 45+ (-10) + (-12)$

5. $(-300) + 270-153 \dots\dots -350+100+200$

III. Multiplication:

1. $(1001)*(-55)$

2. $(-10)*0$

3. $(-55)*(-45)$

4. $(-15)*0*(-45)$

5. $(-12)*(-11)*(10)$

IV. Verify the following:

1. $18*[7+(-4)]=22*[8+(-2)]$

2. $15+[8*(-2)]=(5*3)+[4*(-4)]$

V. Fill in the blanks:

1. $393 \div \dots\dots = -1$

2. $150 \div 150 = 1$

3. $100 \div \dots\dots = 0$

4. $293 \div \dots\dots = 1$

5. $-490 \div \dots\dots = 1$