

S.M.ART School MAB4 Group due 01-30-2022

P1 A cowboy brought 60 cows to sell. It was one third of his whole herd.
How many cows were there in his herd?

P2 A cowboy brought 60 cows to sell. It was $\frac{2}{3}$ of his whole herd.
How many cows were there in his herd?

P3 A cowboy brought 90 cows to sell. It was $\frac{1}{4}$ of his whole herd.
How many cows were there in his herd?

P4 A cowboy brought 90 cows to sell. It was $\frac{3}{4}$ of his whole herd.
How many cows were there in his herd?

P5 There are 117 marbles in the bag. $\frac{1}{3}$ of them is green, $\frac{5}{9}$ is red.
The rest of them are blue marbles.

1. How many green marbles are there?

2. How many red marbles are there?

3. How many blue marbles are there?

Reduce a fraction to lowest terms and convert into a mixed number

D1 $249 / 36$

D2 $246 / 18$

D3 $729 / 3$

D4 $729 / 9$

Instead of & put either "+" or "-", "*" or even "/" (division)

N1 $23 \& (-22) \& (-1) = 1$

$$N2 \quad 23 \ \& \ (-23) \ \& \ (-23) = 24$$

Compute and write answer as an improper fraction when appropriate. Reduce a result to lowest terms

$$C1 \quad 1/12 + 7/24$$

$$C2 \quad 1/5 + 7/20$$

$$C3 \quad 1/4 + 3/8 - 5/16$$

$$C4 \quad 1/8 + 3/4$$

$$C5 \quad 3 - 1/15$$

$$C6 \quad 1/11 - 1/22$$

C7 $8/13 - 7/26$

C8 $1/2 - 1/4 - 1/8 - 1/16 =$

W1 The sum of two numbers is 333. First number is greater than the other number by 33. Find both numbers.

W2 A coat and a hat together cost \$220. The coat is \$200 dollars more expensive than the hat. How much is the hat?