Name: ...................................................................    Class: ............................

## Fractions of a number - word problems

**1.** Nora always makes sure that she typed 7,000 words each day to increase her typing skills. She usually spends 2/7 of an hour to do this. If she does this for seven consecutive days, how much time did she spend typing for the seven consecutive days in all?

**2.** At a birthday party, Lucy's mother baked 300 cupcakes. The boys ate 2/3 of the cupcakes and the girls ate 1/3 of the cupcakes. How many cupcakes are left?

**3.** Two- third of the fifteen yards of ribbon Grace has to decorate gift boxes are red and two-tenth of it is yellow and two-fifteenth of it is blue.
How many ribbons are red?

**4.** A dairy farm has a total of 50 cows. Out of these cows, four- twenty-fifth produced 5 liters of milk each day, twelve- twenty-fifth produced 10 liters of milk every day and ninth-twenty-fifth produced 15 liters of milk each day. How many cows produce 5 liters of milk per day?

**5.** George has a collection of sport tickets. Of the 72 sport tickets, 4/9 are soccer tickets, 1/3 are basketball tickets and 2/9 are volleyball tickets.
How many volleyball tickets does he have?

**6.** A hospital has 260 medical personnel. Two- twentieth of them are doctors. How many doctors are in the hospital?

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## Fractions of a number - word problems

**1.** ▸ Total number of words she typed each day = 7,000
▸ Number of days she typed these words = 7
▸ Fraction of an hour she usually spent typing per day = 2/7

**she spent 2 hours typing for the seven consecutive days in all.**

**2.** ▸ The boys ate  200 cupcakes
▸ The girls ate 100 cupcakes

**So, there are no cupcakes left.**

**3.** ▸ Length of ribbon Grace has = 15 yards
▸ Fraction of ribbons that are red = 2/3

**10 ribbons are red.**

**4.** ▸ Total number of cows in the dairy farm = 50
▸ Fraction of the cows that produce 5 liters of milk per day = 4/25

**8 cows produce 5 liters of milk per day.**

**5.** ▸ Number of sport tickets he has = 72
▸ Faction of the tickets that are volleyball = 2/9

**he has 16 volleyball tickets.**

**6.** ▸ Number of medical personnel in the hospital = 260
▸ Fraction of the medical personnel that are doctors = 1/10

**there are 26 doctors in the hospital.**