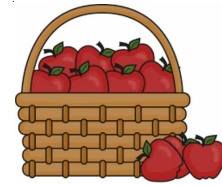
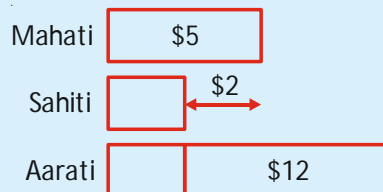


01 20 apples cost as much as 3 melons. If the apples were sold at 10 for ₹12, find the cost for a melon.



$20 \div 10 = 2$ groups
 1 group of 10 apples \rightarrow ₹120
 2 groups of 10 apples \rightarrow ₹120 \times 2
 $=$ ₹240
 3 melons \rightarrow ₹240
 1 melon \rightarrow ₹240 \div 3
 $=$ ₹80
 The cost of a melon is ₹80

02 Mahati saves ₹5 every day. Each day, Sahiti saves ₹2 less than Mahati while Aarati saves ₹12 more than Sahiti. How much more money does Aarati save than Mahati in a week ?



$\text{₹}12 - \text{₹}2 = \text{₹}10$ (difference in 1 day)
 $\text{₹}10 \times 7 = \text{₹}70$
 Aarati saves ₹70 more than
 Mahati in a week

03

A storybook has 108 pages. John reads 10 pages of it each day for 6 days. If John wants to finish reading the storybook in a total of 12 days, how many pages must he read in each of the remaining days ?



No. of pages read by John in 6 days = $10 \times 6 = 60$ days

Remaining pages to read $108 - 60 = 48$ pages

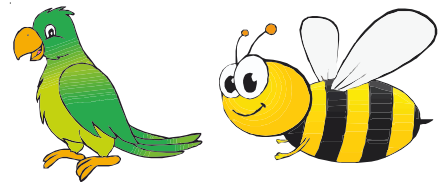
No. of days remaining = $12 - 6 = 6$ days

No. of pages to be read in 6 days = $48 \div 6 = 8$

Hence John has to read 8 pages in each of the remaining days

04

There are 9 parrots and 5 bees. Each parrot has 2 legs and each bee has 6 legs. How many legs are there altogether ?



Number of legs 9 parrot have = $9 \times 2 = 18$

Number of legs 5 bees have = $6 \times 5 = 30$

Total number of legs = $18 + 30 = 48$

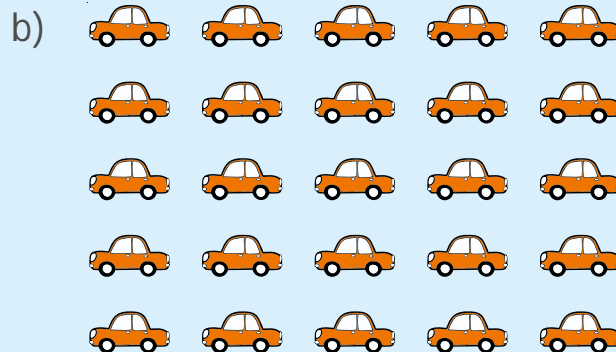
05

- (a) Varun has 10 beads, Tarun has 9 beads and Arun has 8 beads. They use all their beads to make 3 necklaces. Each necklace has equal number of beads. How many beads are used for each necklace ?
- (b) Jash has 25 toy cars. He arranges them into rows of 5.
- (i) How many rows of toy cars are there altogether ?
- (ii) How many more toy cars does he need if he wants to have 8 such rows ?

a) Total number of beads = $10 + 9 + 8 = 27$

$$\text{Number of beads in each necklace} = \frac{\text{Total beads}}{\text{no. of necklaces}}$$

$$= 27 \div 3 = 9$$



i) Number of rows = $\frac{\text{Total cars}}{\text{cars in each row}}$

$$= 25 \div 5 = 5$$

ii) Number of cars needed = $5 \times 8 - 5 \times 5$

$$= 40 - 25$$

$$= 15$$

06

- (a) Nikhil bought 26 star beads. He bought 6 more star beads than Mehan. Mehan shared his star beads equally with Basu, Charu, Dia and Imran. How many star beads did Dia receive ?
- (b) Kai Xiang has 60 sun and moon stickers. He put his stickers equally into 6 packets. There are 4 more sun stickers than moon stickers in each packet.
- (i) How many moon stickers are there in each packet ?
- (ii) How many sun stickers are there in each packet ?

a) Number of beads with Mehan = $26 - 6 = 20$

Number of people sharing beads = Mehan + four friends = $1 + 4 = 5$

Number of beads each receives = $20 \div 5 = 4$

Hence Dia receives 4 beads

b) Number of stickers in each packet = $60 \div 6 = 10$

Sum of two numbers is 10 and difference is 4

i.e., 7 and 3

i) Number of moon stickers = 3

ii) Number of sun stickers = 7