

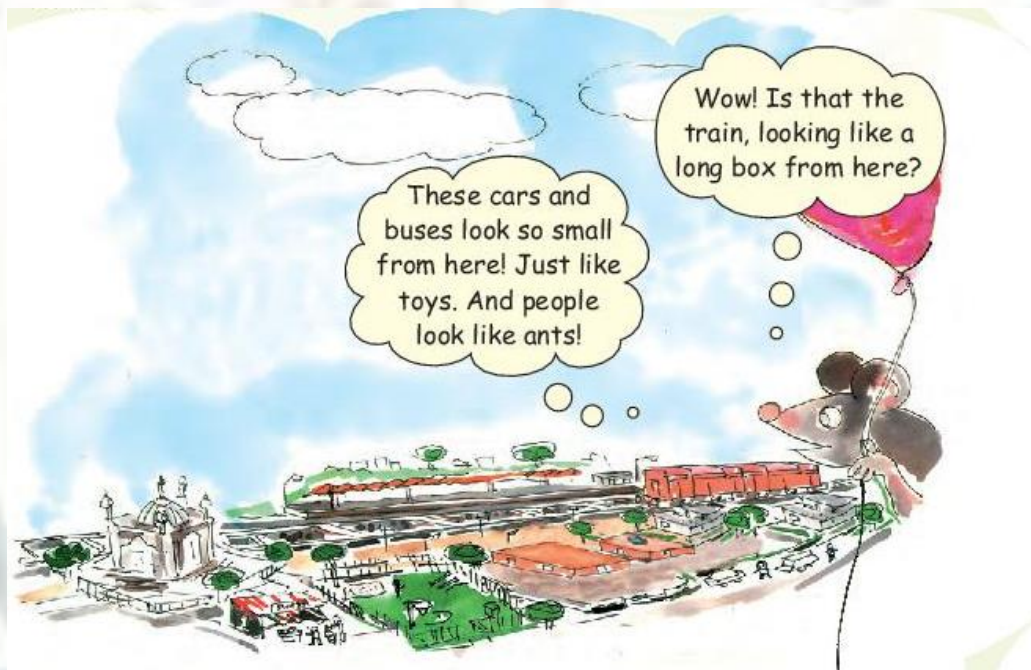


पुर्णमा International School
Shree Swaminarayan Gurukul, Zundal

Grade - IV
Maths
Specimen
copy
Year 21-22

CH-5

The way the world looks



Key points to remember

- Introduction of different views of 3-D object.
- Look at the map shown in figure and answer the following questions.
- Activity



● **Introduction of different views of 3-D object:**

- **Front view:** - Front view is what you see from front, when you look at something.
- **Side view:** - Side view is what you see from side, when you look at something.
- **Top view:** - Top view is what you see when you look at something from directly above.



Front



Side



Top

Glass



Front

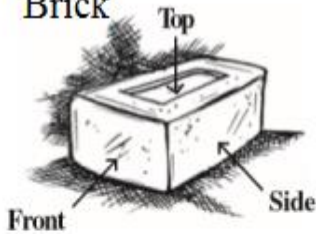


Side



top

Brick



Front

Side

Top



Front view

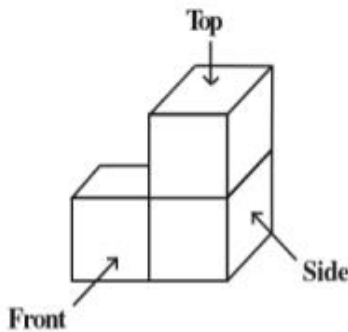


Side view



Top view

Cubes



Front

Side

Top



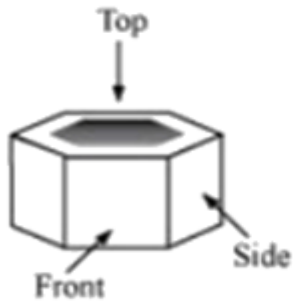
Side view



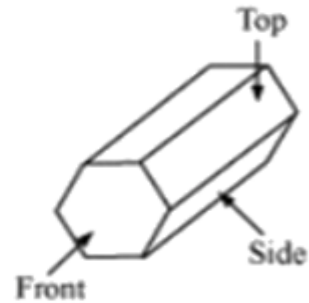
Front view



Top view

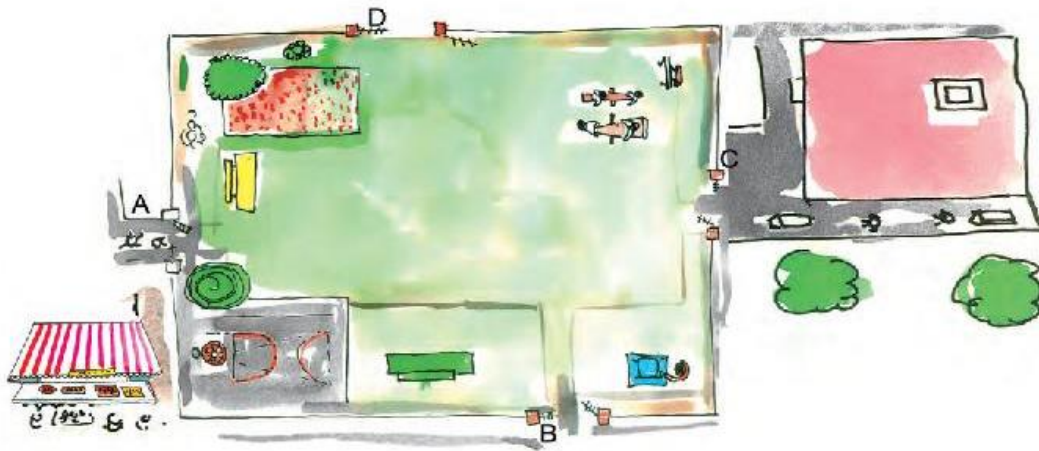


A nut



(d) A hexagonal block

- Look at the map shown in figure and answer the following questions.



1) Mark the gate nearest to the sweet shop. A / B / C / D.

Answer: The gate nearest to the sweet shop is A.

2) Which gate is nearest to Gappu's house?

Answer: The gate nearest to Gappu's house is C.

3) If you enter from gate B, the green bench will be to your — Left / Right / Front

Answer: If we enter from gate B, then the green bench will be to our left.

4) When Suhasini entered the park, the flower bed was to her right. Which gate did she

enter from?

Answer: Suhasini entered the park from gate D.

5) Which of these is nearest to you if you enter from gate C?

A) Basketball court B) Flower bed c) Green bench D) See-saw

Answer: If we enter from gate C, see-saw will be nearest to us.

Activity

Draw three objects of your choice and show their top, side and front view.



CH-6

The Junk seller



Key points to remember

- Conversion.
- Find the product by split method.
- Amount Calculation.
- Add the following.
- Subtract the following.
- Activity



● **Conversion:**

A. Convert Rupees into paise:

1) Rs 75

$$\begin{aligned} &= 75 \times 100 \\ &= 7500 \text{ paise.} \end{aligned}$$

2) Rs 12 and 60 paise

$$\begin{aligned} &= 12 \times 100\text{p} + 60\text{p} \\ &= 1200\text{p} + 60\text{p} \\ &= 1260\text{P} \end{aligned}$$

3) Rs45 and 75 p

$$\begin{aligned} &= 45 \times 100 + 75\text{p} \\ &= 4500\text{p} + 75\text{p} \\ &= 4575\text{p} \end{aligned}$$

4) Rs36 and 50p

$$\begin{aligned} &= 36 \times 100\text{p} + 50\text{p} \\ &= 3600\text{p} + 50\text{p} \\ &= 3650\text{p.} \end{aligned}$$

B. Convert paise to rupees:

1) 400paise

$$\begin{aligned} &= 400/100 \\ &= \text{Rs } 4.00 \end{aligned}$$

2) 589paise

$$\begin{aligned} &= 589 /100 \\ &= \text{Rs } 5.89 \end{aligned}$$

3) 758paise

$$\begin{aligned} &= 758/100 \\ &= \text{Rs } 7.58 \end{aligned}$$

4) 1128paise

$$= 1128/100$$

$$= \text{Rs } 11.28$$

5) 6000paise

$$= 6000/100$$

$$= \text{Rs } 60.00$$

● Find the product by split method

$\begin{array}{r} \text{a) } 55 \times 31 = \\ \times \quad 30 \quad 1 \\ 50 \begin{array}{ l l } \hline 1500 & 50 \\ \hline \end{array} \\ 5 \begin{array}{ l l } \hline 150 & 5 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 1500 \\ 50 \\ 150 \\ + \quad 5 \\ \hline 1705 \end{array}$	$\begin{array}{r} \text{b) } 68 \times 23 = \\ \times \quad 20 \quad 3 \\ 60 \begin{array}{ l l } \hline 1200 & 180 \\ \hline \end{array} \\ 8 \begin{array}{ l l } \hline 160 & 24 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 1200 \\ 180 \\ 160 \\ + \quad 24 \\ \hline 1564 \end{array}$
$\begin{array}{r} \text{c) } 31 \times 71 = \\ \times \quad 70 \quad 1 \\ 30 \begin{array}{ l l } \hline 2100 & 30 \\ \hline \end{array} \\ 1 \begin{array}{ l l } \hline 70 & 1 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 2100 \\ 30 \\ 70 \\ + \quad 1 \\ \hline 2201 \end{array}$	$\begin{array}{r} \text{d) } 44 \times 20 = \\ \times \quad 20 \quad 0 \\ 40 \begin{array}{ l l } \hline 800 & 0 \\ \hline \end{array} \\ 4 \begin{array}{ l l } \hline 80 & 0 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 800 \\ 0 \\ 80 \\ + \quad 0 \\ \hline 880 \end{array}$
$\begin{array}{r} \text{e) } 88 \times 64 = \\ \times \quad 60 \quad 4 \\ 80 \begin{array}{ l l } \hline 4800 & 320 \\ \hline \end{array} \\ 8 \begin{array}{ l l } \hline 480 & 32 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 4800 \\ 320 \\ 480 \\ + \quad 32 \\ \hline 5632 \end{array}$	$\begin{array}{r} \text{f) } 66 \times 37 = \\ \times \quad 30 \quad 7 \\ 60 \begin{array}{ l l } \hline 1800 & 420 \\ \hline \end{array} \\ 6 \begin{array}{ l l } \hline 180 & 42 \\ \hline \end{array} \end{array}$	$\begin{array}{r} 1800 \\ 420 \\ 180 \\ + \quad 42 \\ \hline 2442 \end{array}$

● Amount Calculation

A. Look up the rate list to see today's rates. Help Kiran to find out the cost of the junk.

Kind of Junk	Price of 1 Kg
1. Waste Paper	Rs 4/-
2. Newspaper	Rs 5/-
3. Iron	Rs 12/-

4. Brass	Rs 170/-
5. Plastic	Rs 10/-

1) How much will Kiran pay for 31 kg newspaper?

Solution: 1 kg newspaper costs Rs 5.30

$$\begin{aligned} \text{Cost of 31 kg cost} &= \text{Rs } 5 \times 31 \\ &= \text{Rs } 155.30 \end{aligned}$$

2) 22 kg of plastic

Solution: 1 Kg of plastic cost Rs 10

$$\begin{aligned} \text{Cost of 22 kg of plastic} &= 22 \times 10 \\ &= \text{Rs } 220 \end{aligned}$$

3) 23 kg of waste paper

Solution: 1 kg of waste paper cost = Rs 4

$$\begin{aligned} \text{Cost of 23 kg waste paper} &= 23 \times 4 \\ &= \text{Rs } 92 \end{aligned}$$

4) 12 kg of iron

Solution: 1 kg of iron cost = Rs 12

$$\begin{aligned} \text{Cost of 12 kg iron} &= 12 \times 12 \\ &= \text{Rs } 144 \end{aligned}$$

● Add the following amounts.

1. Rs 12.50 and Rs 10.50 = **Rs 23.00**

2. Rs 5.25 and Rs 55.25 = **Rs 60.50.**

3. Rs 105.10 and Rs 225.30 = **Rs 330.40.**

4. Rs 195.95 and Rs 125.90 = **Rs 321.85.**

5. Rs 146.65 and Rs 136.35 = **Rs 283.00**

● Subtract the following amounts.

1. Rs 26.10 from Rs 46.40 = **Rs 20.30.**

2. Rs 48.40 from Rs 96.60 = **Rs 48.20.**

3. Rs 105.95 from Rs 206.05 = **Rs 100.10.**

4. Rs 405.90 from Rs 800.05 = **Rs 394.15.**

Activity

Paste the picture of Indian currency in the note book.(any 5)

