

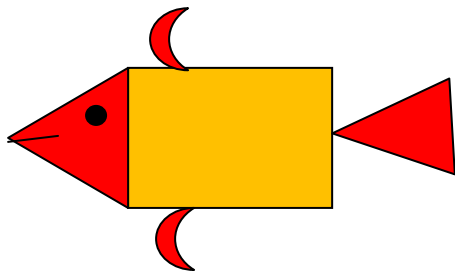
1

Students are supposed to complete their Workbook with these notes

# THE FISH TALE

## Shapes

A. Use the following shapes to draw any four animals/birds. Colour them.

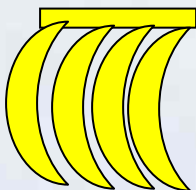


Do it yourself

Do it yourself

Do it yourself

B. Use the same shapes to draw of any two fruits or vegetables. Colour them.



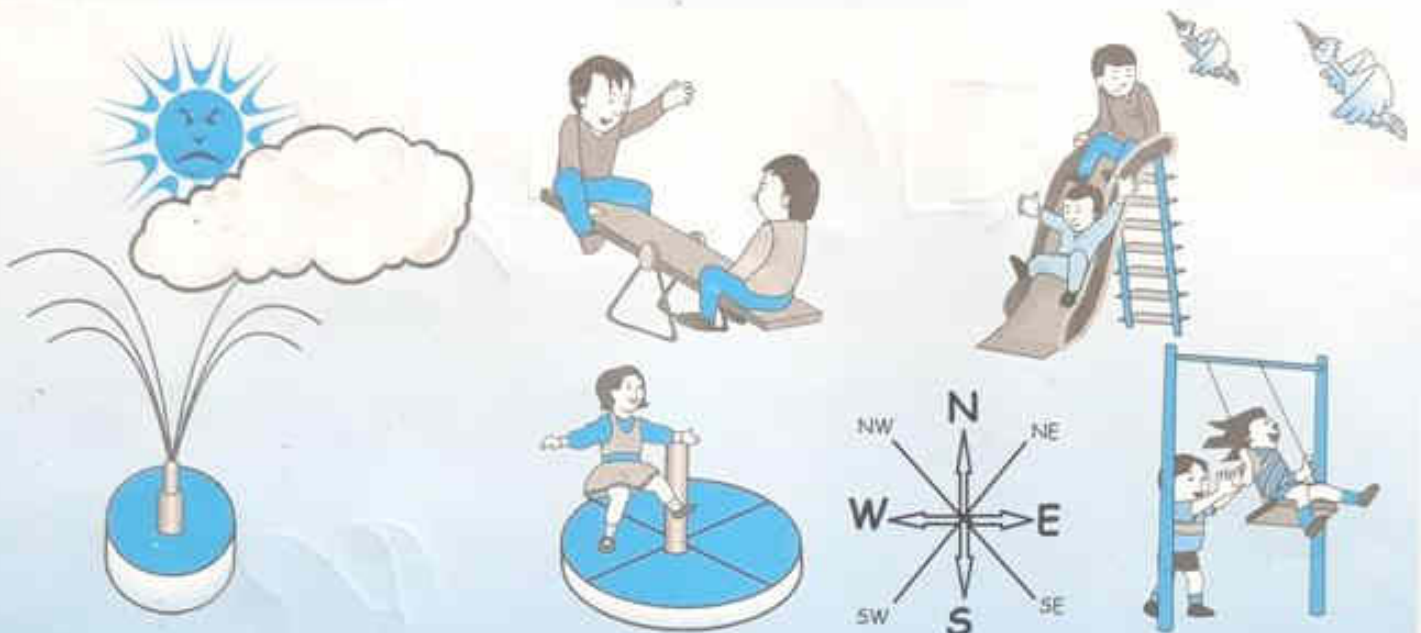
Do it yourself

# DIRECTIONS

## A. When you are facing the rising sun.

- (a) You are facing the East direction.
- (b) West direction is behind you.
- (c) To your right is the South direction.
- (d) North direction is to your left.

## B. Look carefully at the picture given below. Fill in the blanks that follow:



- (a) The setting sun is in the North-West.
- (b) The birds are flying in the North-East.
- (c) The merry-go-round is to the East of the fountain.
- (d) The see-saw is to the North of the merry-go-round.
- (e) The clouds are in the North-West.
- (f) The fountain is in the South-West corner of the park.
- (g) The swings are in the South-East corner of the park.
- (h) The slide is to the East of the see-saw.

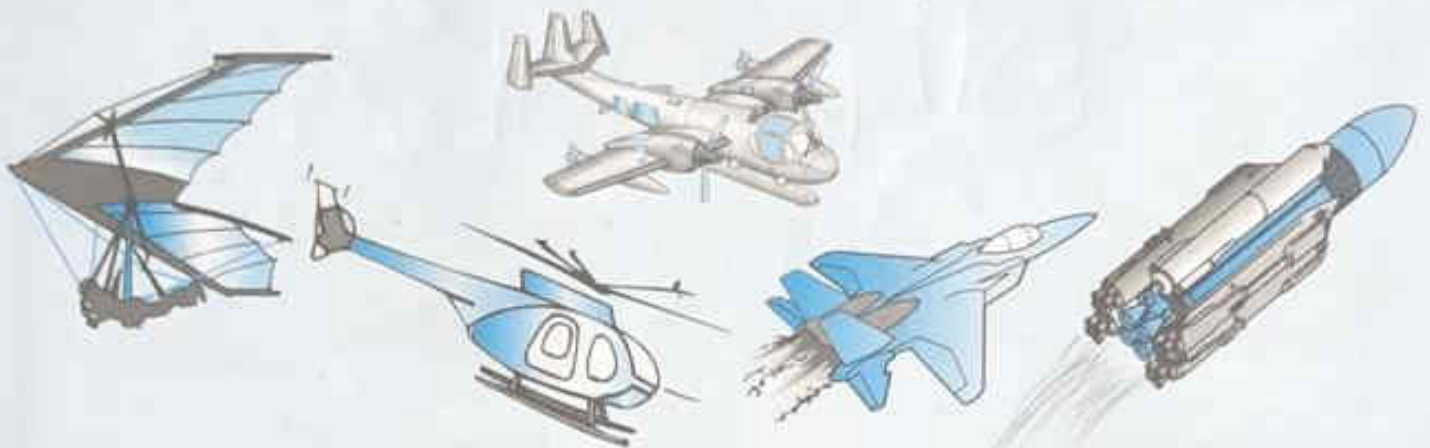
# ESTIMATION

## DISTANCE AND TIME

A. Study the data in the table given below.

Answer the questions that follow:

Type of aircraft	Distance covered in 1 hour
(a) Glider	100 km
(b) Helicopter	300 km
(c) Boeing 747	850 km
(d) Mig 21	1200 km
(e) Space shuttle	18,000 km



Space shuttle

Glider

- Which is the fastest mode of air travel?
- Which is the slowest mode of air travel?
- How many hours will it take for a helicopter to travel the distance covered by a Mig 21 in one hour?
- How far will a Boeing 747 travel in 5 hours?
- How many hours will it take a Mig 21 to cover a distance of 60,000 km?
- Which will cover more distance? A Boeing 747 in 5 hours or a helicopter in 12 hours?

$$1200/300=4\text{hr}$$

$$850 \times 5 = 4250\text{km}$$

$$60000/1200=50\text{hr}$$

$$850 \times 5 = 4250\text{km Boeing}$$

$$300 \times 12 = 3600\text{km Heli}$$

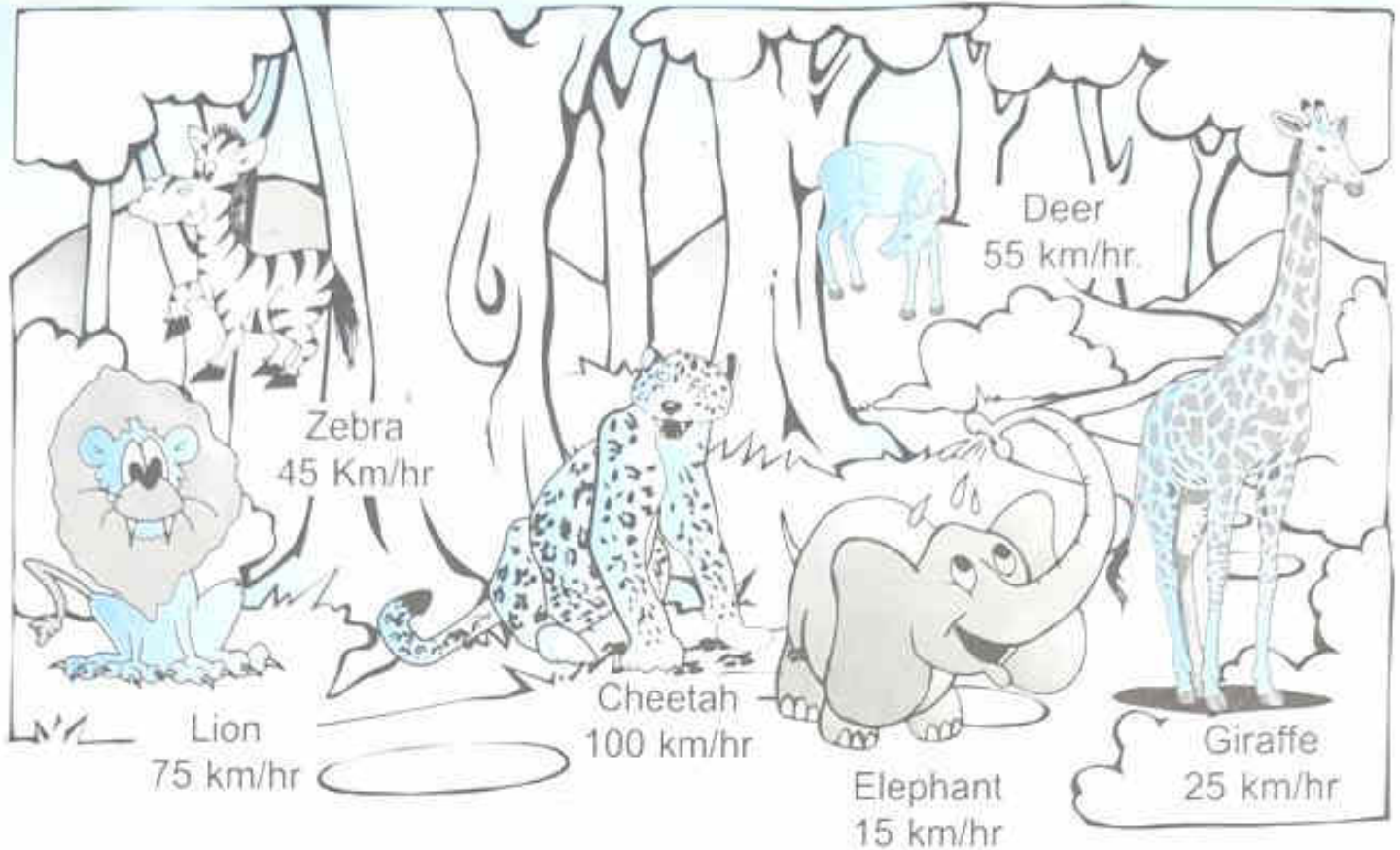
$$4250 - 3600 = 650\text{km}$$

How much more distance does it cover?

# ESTIMATION

## SPEED

- A. The speed of some animals is mentioned in the picture given below. Fill in the blanks that follow.



- (a) The slowest animal is the **Elephant**
- (b) The fastest animal is the **Cheetah**
- (c) A **Deer** can cover 220 km in 4 hours.
- (d) A giraffe can travel a distance of  $25 \times 9 = 225$  km in 9 hours.
- (e) A zebra reached a water point in 3 hours. An elephant needed to cover a distance of  $45 \times 3 = 135$  km to reach the water point. It took the elephant  $135 / 15 = 9$  hours to reach. *\*we are considering both have started from same point*
- (f) Which animal covers a shorter distance? A lion in 6 hours or a cheetah in 3 hours? **Cheetah**

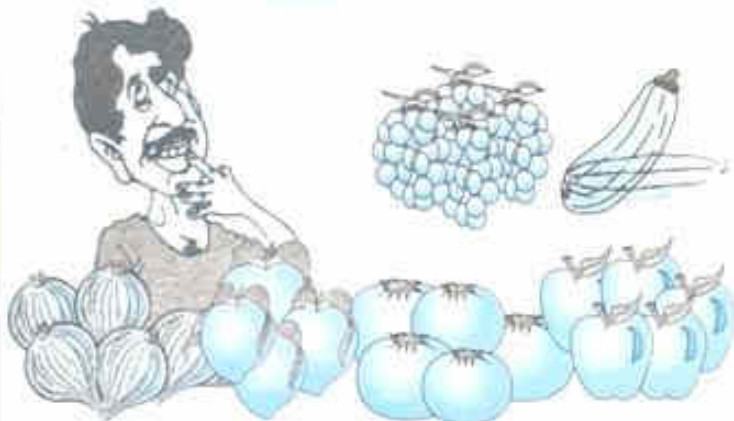
Lion  $75 \times 6 = 450$  km  
Cheetah  $100 \times 3 = 300$  km

# ESTIMATION

## WEIGH 'N' PAY

### RAM FRUIT & VEG

### RATE LIST



ONIONS	Rs. 12/ kg
POTATOES	Rs. 9/ kg
TOMATOES	Rs. 22/ kg
CUCUMBERS	Rs. 15/ kg
APPLES	Rs. 55/ kg
MANGOS	Rs. 50/ kg
GRAPES	Rs. 50/ kg

Look at the rate list. Answer the questions given below:

- (a) How much money did Ram earn by selling 2 kgs of cucumbers and 1 kg of tomatoes?

$$\text{Rs } (15 \times 2 + 22 \times 1) = \text{Rs } (30 + 22) = \text{Rs } 52$$

- (b) Ram sold 2 kgs of mangoes to Sunder. How many kgs of cucumbers should Ram sell to earn the same amount of money?

$$\text{Cost of Mangoes} = 2 \times 50 = \text{Rs } 100 \quad \text{Quantity of cucumbers} = 100 / 15 = 6 \frac{2}{3} \text{ kg}$$

- (c) Ram sells 10 kgs of potatoes at a wholesale rate of Rs. 8.50/kg. How much less money will he earn than if he had sold it at Rs. 9 /kg?

$$\begin{aligned} \text{Whole sale cost of 10kg} &= 8.50 \times 10 = \text{Rs } 85.00 & \text{Less Amount} &= 90 - 85 = \text{Rs } 5 \\ \text{Common rate of 10kg} &= 9 \times 10 = \text{Rs } 90 \end{aligned}$$

- (d) Varun bought 3 kgs of apples. Vidhi bought  $2\frac{1}{2}$  kgs of mangoes. Who paid more?

$$\text{Cost of 3kg apples} = 55 \times 3 = \text{Rs } 165 \quad \text{Cost of 2 and 1/2kg mangoes} = 2\frac{1}{2} \times 50 = 5/2 \times 50 = \text{Rs } 125$$

**Varun paid more for apples**

$$\text{How much more did he/she pay? } \text{Rs } (165 - 125) = \text{Rs } 40$$

- (e) At the end of the day, Ram sold 80 kgs of onions for Rs. 720, so he sold each kg of onions for Rs.

$$\text{Cost of 1 kg} = 720 / 80 = \text{Rs } 9$$

- (f) Cost of one-fourth kg of grapes is Rs.

$$= 50 \times \frac{1}{4} = 50 / 4 = 25 / 2 = \text{Rs } 12 \frac{1}{2} = \text{Rs } 12.5$$

# LARGE NUMBERS

## CRORES

### A. Fill in the blanks with numerals:

- (a) One thousand      1,000  
(b) Ten thousand      10,000  
(c) One lakh      1,00,000  
(d) Ten lakh      10,00,000  
(e) One crore      1,00,00,000  
(f) Ten crore      10,00,00,000

### B. Fill in the blanks:

- (a) One thousand =  $\frac{1000}{100} = 10$       hundreds  
(b) Ten thousand =  $\frac{10,000}{100} = 100$       hundreds  
(c) One lakh =  $\frac{1,00,000}{1000} = 100$       thousand  
(d) Ten lakh =  $\frac{10,00,000}{1000} = 1000$       thousands  
(e) One crore =  $\frac{1,00,00,000}{1,00,000} = 100$       lakh  
(f) Ten crore =  $\frac{10,00,00,000}{1,00,000} = 1000$       lakh.

### C. Write in numerals:

- (a) One crore twenty three lakh four thousand three hundred nineteen.      1,23,04,319  
(b) Ten crore thirty lakh fifty thousand six hundred eighty one.      10,30,50,681  
(c) Twenty nine crore six thousand and forty.      29,00,06,040  
(d) Fifty crore four hundred ninety two      Do it yourself  
(e) Sixty six crore seventy three lakh eleven thousand one.      Do it yourself