## CONCEPT

## KNOWLEDGE

1) Answer the following .
a) What is circle ?
$\qquad$
$\qquad$
b) what is radius?
$\qquad$
$\qquad$
c) what is fraction ?
$\qquad$
$\qquad$
d) what is proper fraction?
$\qquad$
$\qquad$
e) what is multiplication ?
$\qquad$
$\qquad$
$\qquad$
f) what is division ?
$\qquad$
$\qquad$
2) Answer the following.
a) There are 100 stars. A quarter of them are red then how many stars are red? How many stars are not red?
b) Menu made a necklace of 20 sea-shells .How many such necklace can be made using 100 seashells ?

## UNDERSTANDING

3) Answer the following.
a) If YES $=$ ZFT then find out APPLE $=$ $\qquad$
b) continue the pattern.

1ABC , 2DEF ,3GHI, 4JKL, $\qquad$
$\qquad$ .
4) Do as directed.
a)Complete the magic triangle by using $1,2,3,4,5,6$. In each side it must add up to 9 .

b)Complete the number tower .

5) If the cost of 9 pencils is 36 rupees then what is the cost of 25 pencils ?

## ABILITY TO COMPUTE

6) Solve the problem . 1
a) $35 \times 9=$ $\qquad$
b) $135 \times 8=$ $\qquad$
7) Solve the following.
a) $3 / 8+4 / 8=$
b) $2 / 9+3 / 9=$ $\qquad$
c) $8 / 9-4 / 9=$
d) $15 / 25-8 / 25=$
8) Some of gayatri's cats were playing in a box. When she tried to count ,all she could see were legs.she counted 36 legs.how many cats are there in the box ?

4 legs means $\qquad$ cat .
8 legs means $\qquad$ cats .

12 legs means $\qquad$ cats.

| How many legs? |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| How many cats? |  |  |  |  |  |  |  |  |  |

So 36 legs means $\qquad$ cats.

PROBLEM SOLVING ABILITY
9) Answer the following.
a) Find the centre of the circle.

b) Radius of circle $=12$ metres .

Diameter = $\qquad$ metres.
10) Solve the following .
a) The cost of 1 apple is 13 rupees. What is the cost of 8 apples?
b) There are 48 children. Half of them are girls . then how many children are boys ?
11) One carton can hold 75 soap bars . shally wants to pack 600 soap bars. How many cartons does she need for packing all of them ?

