



Atomic Energy Education Society

Anushaktinagar, Mumbai-400094

S A-2 (2016-17)

Date: 06.03.2017

Subject- Mathematics

Class- 3

Time- 2 Hours

Max Marks-50

Name: Section: Roll Number:

School & Center:

Invigilator's Signature: Examiner's Signature:

Checker's Signature: Marks Obtained:

I. Fill in the blanks.

(10 x ½ = 5)

- a) To weigh 1 kg tomatoes we need _____500 grams weights.
- b) 76 Z, 78 Y, _____, 82W
- c) _____ glasses of water is needed to fill 4 mugs, if one mug can hold 3 glasses of water.

d) $16 + 16 + 16 + 16 + 16 = \underline{\hspace{2cm}} \times 16$

- e) _____ children can wear 18 socks.

f)

↑	↓ ↓	↑ ↑ ↑		↑ ↑ ↑ ↑ ↑
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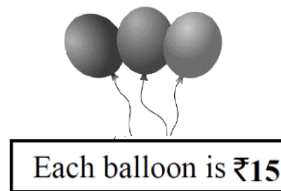
g) $64 \div 8 = \underline{\hspace{2cm}}$

h)

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 $\div 9 = 7$

i) Look at the price tag of the following items and fill in the blanks.



b) A balloon and an eraser costs _____ rupees.

j) If 16 apples weigh 2 Kgs, then _____ apples weigh 1 Kg.

II) Match the following.

(5 x ½ = 2 ½)

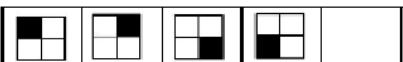

A	B
a. Weight of an elephant	Rs 100
b. 8+8+8+8	1000 kg
c. Cost of a toy	32 ml
d. Water in a tank	1 kg
e. Weight of a pumpkin	1000 L

III) True or false.

(5 x ½ = 2 ½)

a) Five notes of Rs. 20 make 100 rupees. ()

b) If $\diamond = 2$ toffees then, $\diamond \diamond \diamond = 10$ toffees ()

c) The next picture in the pattern  is  ()

d) Two dozen bananas are equal to 20 bananas. ()

e) Students of class III have participated in different competitions as shown. No. of children who participated in Quiz are more than the children who participated in Art competition. ()



IV) Choose the correct answer and fill in the blanks.

(5 x 1 = 5)

1) There are 28 petals in 7 flowers. So there are _____ petals in 1 flower.

2) If **ARBECD = RED** , then **EBFLGUHE = _____**

3) Sudha poured a glass of water in a jug. It looked like this.
Sudha should pour _____ more glasses of water
to fill the jug completely.



4) Multiply: $38 \times 7 = \underline{\hspace{2cm}}$,

5) Write the total amount

Rs. 100, Rs 60 Rs. 10 Re. 1 = _____

V) Do as directed.

(15x1=15)

1) 15 big mangoes can balance a pumpkin. How many big mangoes can balance 3 such pumpkins?

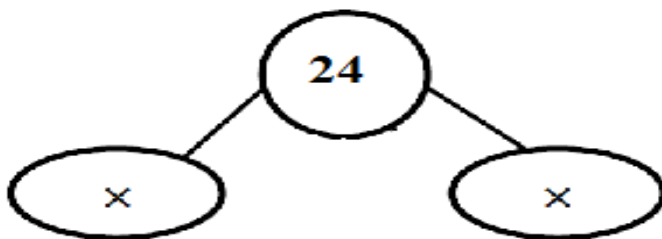
2) Which will require a big bag?

i) 1 Kg. popcorn or 1 Kg. tomato _____.

ii) 1 Kg. dry red chilli or 1 Kg. sugar _____.

3) Mahesh works 6 hours a day in a factory. He works 5 days a week. How many hours does he work in a week?

4) Write any two multiplication facts.



5) Write the following names in alphabetical order:

Asif, Aziz. Amit, Akhil

6) Write all the odd numbers between 842 to 850.

Ans: _____

7) Complete the pattern.

9 , 10 , 13 , 18 , 25 , _____ , _____ .

8) Name two containers from your surroundings that hold more than one litre of water.

Ans: _____

9) Ram poured water 12 times with his water bottle to fill a pot.

Shyam poured water 6 times with his water bottle to fill the same size pot.

(i) Whose water bottle holds more water? (Ram's/Shyam's)

Ans: _____.

(ii) Ram's bottle can hold _____ (twice/half) as much water as Shyam's bottle.

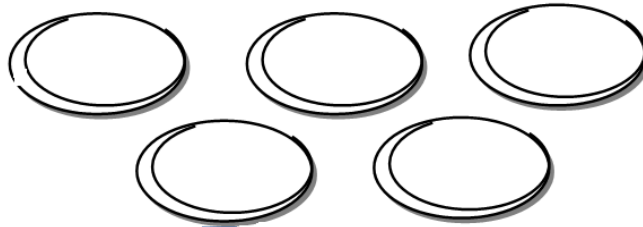
10) The shopkeeper of 'Rama General Stores' prepared a cash memo for some items.
Complete the memo.

Cash Memo			Date: 28-12-2016
Rama general stores			
Sitapur			
Item	Rate for item	Rupees	Paise
2 Note books	RS 15	-----	00
1 Biscuit packet	RS 32 - 50	32	50
4 Pencils	-----	40	00
	Total	102	50

11) Subtract:

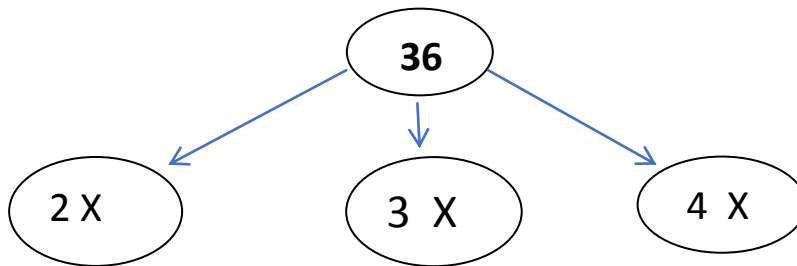
$$\begin{array}{r} ₹ 86.50 \\ - ₹ 58.00 \\ \hline \\ \hline \end{array}$$

12) There are 15 apples in a fruit basket. Arrange them equally in 5 plates.



13) 63 children are standing in 7 rows for assembly. If each row has same number of students. Find the number of children in each row.

14) Complete the following multiplication tree:



15) Mahesh counted the following vehicles crossing on the road in half an hour. Read & fill in the below given table and the blanks.

Auto, car, bus, scooter, auto, scooter, car, scooter, auto, scooter.

Name of the vehicle	Number of vehicles

i) The number of autos are _____ (more/less) than the number of cars.

ii) The number of _____ are two less than the number of scooters.

VI) Solve.

(10x2=20)

1) Suman's parents distribute sweets double of Suman's weight on his birthday.

(i) Now Suman's weight is 25 kg. How many kg of sweets will his parents distribute?

Ans: _____

ii) They distributed 40 kg sweets a few years back. What was Suman's weight at that time?

Ans: _____

2) Multiply : 43×15 by box method.

	40	3
10		
5		

Ans: _____

3. Observe the following railway timetable of Hyderabad Express and answer the following.

Distance from Mumbai (in km)	Station	Fare in Rs.
36	Kalyan	28
83	Karjat	46
194	Pune	90

(i) Find the cost of 2 tickets from Mumbai to Karjat?

Ans: _____

(ii) Find the distance between Karjat to Pune?

Ans: _____

4. Pothole A gets filled with 6 mugs of pebbles.

Pothole B gets filled with 12 mugs of pebbles.

Pothole C gets filled with 18 mugs of pebbles.

(i) Which is the biggest pothole? _____

(ii) If Pothole A gets filled with 4 jugs of pebbles, then pothole B gets filled with _____ jugs of pebbles.

5) Swetha bought a compass box for ₹ 42.50 and a drawing notebook for ₹ 27.50. If she gave a 100-rupee note to the shopkeeper how much money would he return to her?

Ans:

6) Ravi's uncle gave him the following amount of money. Ravi wanted to share the amount with his four friends. If they share it equally, how much will each one get?



Ans:

7) A squirrel jumps 3 steps at a time.

A rabbit jumps 5 steps at a time.

A kangaroo jumps 30 steps at a time.

A horse jumps 15 steps at a time.

(i) How many jumps of horse is equal to 2 jumps of Kangaroo

(ii) Who all will meet at 15?

8) In a theatre there are 35 rows. Each row has 24 chairs. How many chairs are there in the theatre?

Ans:

9) The grades obtained by students of class III after SA-I are displayed.

[Scale: 😊 =10 students]


Grade	No. of students
Excellent	😊😊😊
Very good	😊😊😊😊
Good	😊😊😊
CDB	😊

a) _____ and _____ grades were obtained by the same number of students.

b) Number of children who got 'Very good' grade is _____ .

c) _____ grade is obtained by the least number of children.

d) The total number of children in class III is _____ (more/ less) than 100.

10. Raju counted number of fruit giving trees present in his colony. Represent the collected data by means of a smart chart by showing  for each tree.

Name of the tree	Number of trees.
Mango	7
Coconut	5
Guava	4
Papaya	6

