

The City School
University Road Campus
Mathematics Reinforcement



Worksheet # 1

Class 3

Topic: Multiplication

Name: _____

Section: _____

Date: _____

- What are the missing numbers?

a) 8 and 9 = _____

b) 6 and 0 = _____

c) 3 and 5 = _____

d) 4 and 7 = _____

e) 10 and 8 = _____

f) 100 and 55 = _____

g) 9 and 9 = _____

h) 2 and 100 = _____

l) 5 and 6 = _____

j) 36 and 10 = _____

- Work out. Show your workings clearly.

(a) $56 \times 3 =$ _____

Working

(b) $98 \times 8 =$ _____

Working

(c) $46 \times 7 =$ _____

Working

(d) $74 \times 9 =$ _____

Working

- Look at the arrays below and write a multiplication sentence to represent them.



_____ \times _____ = _____



_____ \times _____ = _____



_____ \times _____ = _____



_____ \times _____ = _____

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Worksheet # 2

Class 3

Topic: Division

Name: _____

Section: _____

Date: _____

- Practice your division skills by dividing the numbers in each group.

(a) $36 \div 5 = \underline{\quad} r \underline{\quad}$

Working

(b) $97 \div 4 = \underline{\quad} r \underline{\quad}$

Working

(c) $55 \div 3 = \underline{\quad} r \underline{\quad}$

Working

(d) $87 \div 9 = \underline{\quad} r \underline{\quad}$

Working

- Write the unknown factor for each pair.

$42 \div \underline{\quad} = 6$	because,	$42 \times \underline{\quad} = 6$
$81 \div \underline{\quad} = 9$	because,	$\underline{\quad} \times 9 = 81$
$54 \div \underline{\quad} = 9$	because,	$8 \times \underline{\quad} = 56$
$16 \div \underline{\quad} = 4$	because,	$\underline{\quad} \times 4 = 16$
$32 \div \underline{\quad} = 8$	because,	$8 \times \underline{\quad} = 32$
$72 \div \underline{\quad} = 8$	because,	$\underline{\quad} \times 8 = 72$
$63 \div \underline{\quad} = 7$	because,	$7 \times \underline{\quad} = 63$
$24 \div \underline{\quad} = 4$	because,	$\underline{\quad} \times 4 = 24$
$100 \div \underline{\quad} = 4$	because,	$4 \times \underline{\quad} = 100$

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Worksheet # 3

Class 3

Topic: Doubling and Halving

Name: _____ Section: _____ Date: _____

- Write the missing numbers.

(a) Double 39 is _____.

(b) Double 260 is _____.

(c) Double 4600 is _____.

(d) Double _____ is 7400.

(e) Half of 48 is _____.

(f) Half of 840 is _____.

(g) Half of 5800 is _____.

(h) Half of _____ is 350.

- Complete the following.

a) 45 , 90 , _____ , _____ , _____

b) 6800, 3400, _____ , _____ , _____

c) 21, 42, _____ , _____ , _____

d) 780, 390, _____ , _____ , _____

- Saba grow 36 plants in a row. She grow the half of the plants in the second row.

a) Haw many plants did she grow in the second row?

b) How many plants did she grow altogether?

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Worksheet # 4

Class 3

Topic: Decimals-Tenths

Name: _____ Section: _____ Date: _____

Q1: Express the following in decimal notation.

<p>1)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">10</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">5</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.7</div> </div>	<p>2)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.4</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">8</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">40</div> </div>	<p>3)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">60</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.6</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">20</div> </div>
How many?	How many?	How many?
<p>4)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">60</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">20</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">4</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.2</div> </div>	<p>5)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">90</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">7</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">40</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.8</div> </div>	<p>6)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">40</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">1</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.3</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 40px; text-align: center;">0.5</div> </div>
How many?	How many?	How many?
7) 4 ONES + 6 TENTHS	8) 2 TENS + 4 ONES + 5 TENTHS	9) 7 TENS + 7 TENTHS
How many?	How many?	How many?
10) 1 TEN + 8 ONES + 3 TENTHS	11) 6 TENS + 7 ONES + 4 TENTHS	12) 5 HUNDREDS + 1 ONE + 9 TENTHS
How many?	How many?	How many?
13) 5 TENS + 2 ONES + 6 TENTHS	14) 8 TENS + 2 TENTHS + 9 ONES	15) 8 TENS + 9 TENTHS + 5 ONES
How many?	How many?	How many?
16) 3 TENS + 2 TENTHS	17) 5 ONES + 7 TENTHS + 2 TENS	18) 2 TENTHS + 7 ONES + 6 TENS
How many?	How many?	How many?

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Worksheet # 5
Class 3

Topic: Decimals- Hundredths

Name: _____ Section: _____ Date: _____

Q1: Write each number in the expanded form.

- 1) 566.63 = _____
- 2) 851.18 = _____
- 3) 783.62 = _____
- 4) 416.82 = _____
- 5) 842.74 = _____
- 6) 244.60 = _____
- 7) 120.77 = _____
- 8) 866.57 = _____
- 9) 145.36 = _____
- 10) 426.57 = _____

Q2: In 784.09,

- a) The digit 4 is in the _____ place and its value is _____.
- b) The digit ____ is in the hundred place and its value is _____.
- c) The digit ____ is in tenths place and its value is _____.
- d) The digit 9 is in the _____ place and its value is _____.
- e) The digit 8 is in the _____ place and its value is _____.

Q3: What is the value of digit 6 in each decimal?

- a) 36.9 = _____
- b) 610.01 = _____
- c) 2.76 = _____
- d) 84.6 = _____
- e) 469.1 = _____

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Worksheet # 6

Class 3

Topic: Proportion

Name: _____

Section: _____

Date: _____

Q1: Use cross multiplication to solve the proportion.

a) $\frac{3}{5} = \frac{\quad}{15}$

c) $\frac{4}{8} = \frac{12}{\quad}$

b) $\frac{2}{3} = \frac{\quad}{12}$

d) $\frac{1}{6} = \frac{8}{\quad}$

Q2: Nathan packs 25 boxes in 2 hours. How many boxes can he pack in 8 hours?

_____ boxes.

Q3: A machine produces 9 yards of cloth in 3 minutes. How did the machine produce in half hour?

_____ yards.

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Worksheet # 7

Class 3

Topic: Fraction of a set

Name: _____

Section: _____

Date: _____

Q1: Use counters to find the answer.

a) $\frac{1}{3}$ of 9 = _____



d) $\frac{2}{15}$ of 15 = _____



b) $\frac{4}{5}$ of 25 = _____



e) $\frac{1}{4}$ of 20 = _____



c) $\frac{2}{2}$ of 14 = _____



f) $\frac{3}{6}$ of 18 = _____



Q2: Complete the sentences.

a) $\frac{3}{4}$ of 40 = _____

b) $\frac{2}{7}$ of 56 = _____

c) $\frac{1}{9}$ of 54 = _____

d) $\frac{6}{8}$ of 32 = _____

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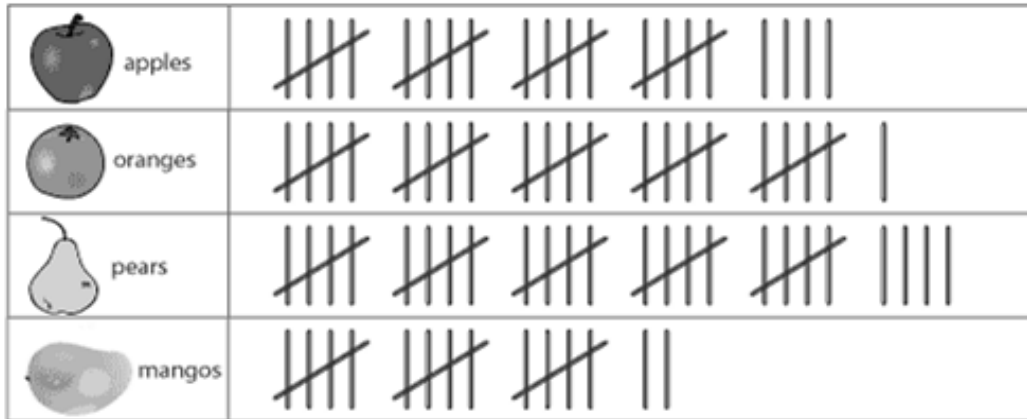
Worksheet # 8

Class 3


Topic: Pictograph


Name: _____ Section: _____ Date: _____

- For my birthday party I made fruit punch. I counted the number of fruits I used and made a tally chart. Use the information to make a pictograph and answer the questions.



Key:

 represents 2 fruits

 represents 1 fruit.

apples	
oranges	
pears	
mango	

- How many more pears used than apples? _____
- How many fewer mangoes used than pears? _____
- How many oranges did I use in fruit punch? _____
- How many fruits I used altogether? _____
- I cut each apple in 4 parts. How many apple parts I put in the punch? _____

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Worksheet # 9

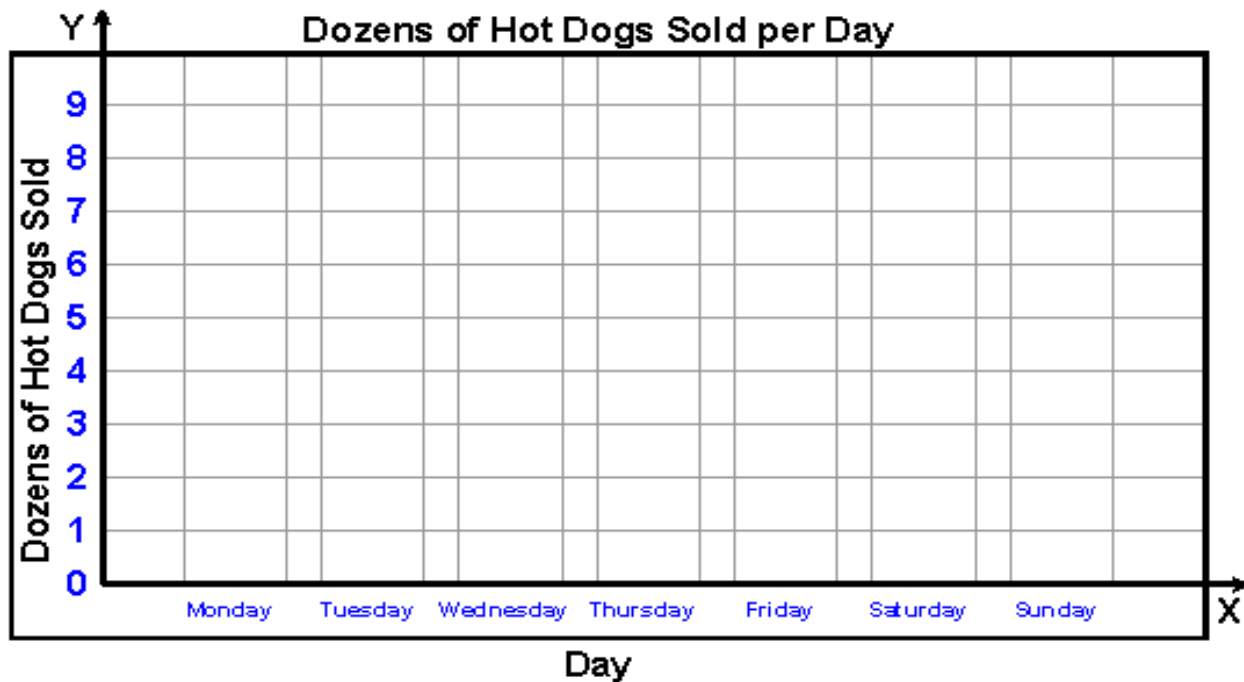
Class 3

Topic: Bar chart

Name: _____ Section: _____ Date: _____

Q1: Graph the given information as bar chart by converting the number of sold hot dogs in dozen.

Days	No. of hot dogs sold	No. of dozen
Monday	84	
Tuesday	60	
Wednesday	12	
Thursday	72	
Friday	36	
Saturday	48	
Sunday	24	



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Worksheet # 10

Class 3

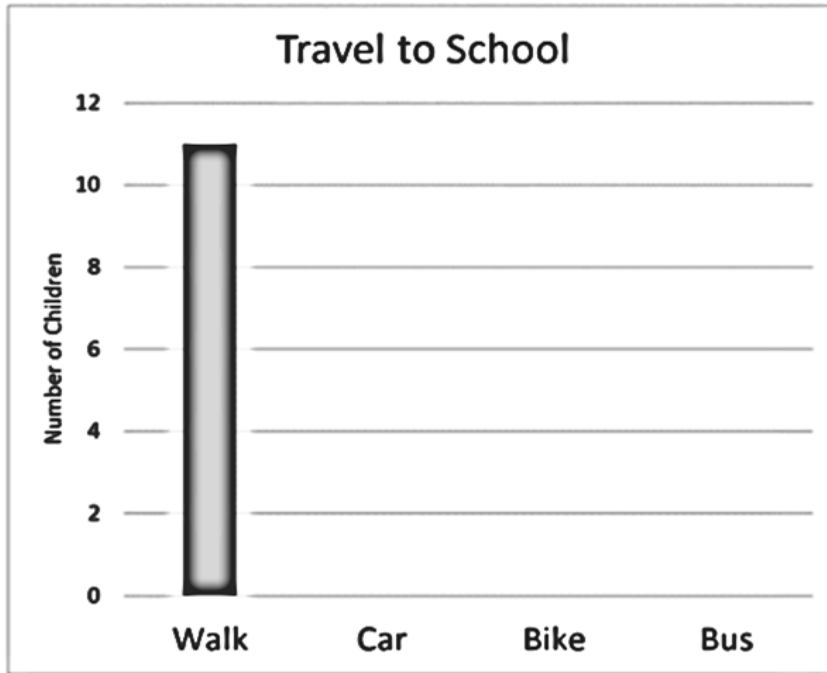
Topic: Bar chart

Name: _____

Section: _____

Date: _____

- This is how a group of children travelled to school one morning.



Transport	Children
Walk	11
Car	10
Bike	7
Bus	4

- Use the table to complete the bars on the graph.
- How did most children get to school that day? _____
- How many more children came by car than by bike? _____
- How many children either walked or came by bike? _____
- How many children came in the car or in the bus? _____
- How might the data be different if it was a rainy day?

- How many children were in the class that day? _____

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Worksheet # 11

Class 3

Topic: Word problems

Name: _____ Section: _____ Date: _____

- **Note: Solve all the given word problems in 2nd term notebook. Show necessary working and the answer statement.**
1. A pair of socks cost \$15. A pair of shoes cost 6 times as much as the pair of shoes. How much does the pair of shoes cost?
 2. Sarim has 28 stickers in his album. Ali has $\frac{2}{7}$ of Sarim's stickers in his collection. How many stickers Ali has?
 3. A baker sold 240 cookies on Friday. He sold double of it on Saturday. How many cookies did he sell altogether on both days?
 4. A gardener wants to plant 81 trees in 9 rows. How much did he plant in one row?
 5. Grandmother decided to present 4 sweets to each of her grandchildren. If she has 10 grandchildren, how many sweets did she need?
 6. 8 books cost \$64. What is the cost of each book?
 7. A florist has 36 roses which is $\frac{1}{6}$ of the total flowers. How many flowers does the florist have?
 8. The actual size of a platter is 18 cm. In picture its image is $\frac{2}{9}$. What is the size of platter in the image?
 9. A boy has 34 buns. He gave half of the buns to a poor person. How many buns did he had left?
 10. Teacher packed 3 chocolates in a box as gift for her pupils. She has 97 chocolates. How many boxes did she need to pack them? Does she have any chocolate left unpacked?
 11. Ahmed read 2 pages of a book in a day. If a book has 86 pages, in how many days did he finish the book?
 12. Sam walks 3 km every day. How many meters did he walk in the month of March?

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Worksheet # 12

Class 3

Topic: Data handling (project)

Name: _____ Section: _____ Date: _____

- Complete your survey report of favorite PSL-V team
- First to fill your tally chart by surveying people in your neighbour, family and friends.
- Next to complete your frequency table with the help of tally chart.
- Finally present your data by making pictogram or bar chart on a card sheet
 (Note: You can use decorative materials to make your bar chart and pictograph presentable. Also mention the key on chart sheet if you are making a pictograph)

Islamabad United	
Karachi Kings	
Lahore Qalanders	
Peshawar Zalmi	
Quetta Gladiators	
Multan Sultan	

Teams	Islamabad United	Karachi Kings	Lahore Qalanders	Peshawar Zalmi	Quetta Gladiators	Multan Sultan
Frequency						

Learning Reflection:
