

## Math Reinforcement Worksheet 2

### Q1: Fill in the blanks:

- a) When two numbers are multiplied each number in the product is a \_\_\_\_\_.
- b) \_\_\_\_\_ is the smallest 5 digit number.
- c) Factors and \_\_\_\_\_ are related to each other.
- d) \_\_\_\_\_ should be added to 57182 to get 91542.
- e) The unit of capacity are \_\_\_\_\_ and \_\_\_\_\_.
- f) Mark True and False:
  - i. Is 7 a factor of 27 (\_\_\_\_\_)
  - ii. Is 4 a factor of 20(\_\_\_\_\_)

### Q2: Find the factors of

- a) 16
- b) 32
- c) 18
- d) 25

### Q3: How do you measure the following in grams or kilograms?

- a) a sack of potatoes
- b) a book
- c) a pen

### Q4. Write three multiplies of

- a) 3
- b) 6
- c) 7

### Q5: Word problems of addition and subtraction:

- a) A fruit seller bought 2314 apples from one place, 4312 apples from another place. How many apples did he buy altogether?

- b) There are two villages one has a population of 59231, out of which 29324 are women. The second village has a population of 32952, out of which 10842 are women. How many men are there in the villages in all?
- c) Ramu bought a motor bike of Rs. 36,000. He borrowed Rs.23,450 from his friend. How much did Ramu pay from his own pocket?
- d) A milk van supplies 23,455 L of milk to a colony. One particular day he supplied only 16,345 L of milk. How many liters of milk are still left in the van?
- e) Spring water bottles are packed in sixes 835 bottles are sent to the supermarket. How many packs bottles in this?
- f) Vandana bought two books. The first book cost her Rs.165.50 and second Rs.153.25. how much did she spend on the books?

Q6: Write the missing factor:

- a)  $8 = 4 \times \underline{\quad}$                       d)  $100 = \underline{\quad} \times 10$   
 b)  $72 = \underline{\quad} \times 8$                       e)  $90 = \underline{\quad} \times 3$   
 c)  $63 = \underline{\quad} \times 9$

Q7: Change one number into a pair of factors before multiplying:

- a)  $4 \times 30 = 4 \times 3 \times 10$  (example)                      c)  $6 \times 20 = 6 \times \underline{\quad} \times \underline{\quad}$   
 b)  $6 \times 15 = 6 \times \underline{\quad} \times \underline{\quad}$                       d)  $14 \times 25 = 14 \times \underline{\quad} \times \underline{\quad}$

Q 8: Write twelve multiples of :

- a) 9 =  
 b) 7 =  
 c) 8 =  
 d) Write multiples of the given numbers then write common multiples:  
 i. Multiples of 2 and 5 (12)  
 ii. Multiples of 4 and 6 (12)

Q9: Mark True or False:

- a) Common multiples of 3 and 4 are multiples of 12.

- b) Is a number is divisible by 4, it is also divisible by 2.  
 c) To multiply a number by 9, I can multiply by 4 and by 5 then add the results.  
 d)  $0.6 = 0.60$   
 e) Multiplication is inverse of division

Q10 Solve:

<p>a. <math display="block">\begin{array}{r} 3657 \\ +2351 \\ \hline \\ \hline \end{array}</math></p> <p>b. <math display="block">\begin{array}{r} 3275 \\ +2987 \\ \hline \\ \hline \end{array}</math></p> <p>c. <math display="block">\begin{array}{r} 9876 \\ 8131 \\ +8878 \\ \hline \\ \hline \end{array}</math></p> <p>d. <math display="block">\begin{array}{r} 4114 \\ -3004 \\ \hline \\ \hline \end{array}</math></p> <p>e. <math display="block">\begin{array}{r} 3.82 \\ +4.48 \\ \hline \\ \hline \end{array}</math></p> <p>f. <math display="block">\begin{array}{r} 6.08 \\ -3.98 \\ \hline \\ \hline \end{array}</math></p>	<p>g. <math display="block">\begin{array}{r} 3274 \\ +2102 \\ \hline \\ \hline \end{array}</math></p> <p>h. <math display="block">\begin{array}{r} 4210 \\ +3881 \\ \hline \\ \hline \end{array}</math></p> <p>i. <math display="block">\begin{array}{r} 8877 \\ 2151 \\ -4001 \\ \hline \\ \hline \end{array}</math></p> <p>j. <math display="block">\begin{array}{r} 6214 \\ -2177 \\ \hline \\ \hline \end{array}</math></p> <p>k. <math display="block">\begin{array}{r} 5.71 \\ +2.46 \\ \hline \\ \hline \end{array}</math></p> <p>l. <math display="block">\begin{array}{r} 8.07 \\ -6.96 \\ \hline \\ \hline \end{array}</math></p>	<p>m. <math display="block">\begin{array}{r} 4013 \\ +2211 \\ \hline \\ \hline \end{array}</math></p> <p>n. <math display="block">\begin{array}{r} 37593 \\ +17212 \\ \hline \\ \hline \end{array}</math></p> <p>o. <math display="block">\begin{array}{r} 7754 \\ -4653 \\ \hline \\ \hline \end{array}</math></p> <p>p. <math display="block">\begin{array}{r} 6666 \\ -5379 \\ \hline \\ \hline \end{array}</math></p> <p>q. <math display="block">\begin{array}{r} 7.54 \\ +1.67 \\ \hline \\ \hline \end{array}</math></p> <p>r. <math display="block">\begin{array}{r} 7.04 \\ -5.87 \\ \hline \\ \hline \end{array}</math></p>
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s.  $88 \div 3$

t.  $129 \div 5$

u.  $206 \div 8$

v.  $139 \div 6$

w.  $183 \div 7$

x.  $345 \div 5$

Q11 Copy and complete this table : Number Divisible by:

Numbers	2	5	10	4
85	x	✓	x	x
142				
2136				
3024				
8005				
790				
106				
76				

Q12: Choose three cards to make three different totals close to 900:

246
361
345
182
428
287

Q13: Write each set in order, smallest to largest:

- a) 34 , 34.32 , 34.60 , 35 , 34.75 , 35.57  
 b) 0.08 , 0.05 , 0.4 , 0.13 , 0.56

Q14: Round off decimal number to the nearest whole number:

- a) 5.32  
 b) 0.6  
 c) 3.9  
 d) 1.1

Q15: solve:

- a)  $8 \times 5.4$   
 b)  $7 \times 7.3$   
 c)  $6 \times 4.9$

Q16: Find the missing number:

a) 
$$\begin{array}{r} 5 \_ \_ 3 \ 2 \\ - 3 \ 2 \ 8 \_ \_ \\ \hline \_ \_ 5 \_ \_ 8 \end{array}$$

b) 
$$\begin{array}{r} 8 \_ \_ 3 \ 4 \\ - \_ \_ 1 \ 8 \_ \_ \\ \hline 1 \ 1 \_ \_ \_ \_ \end{array}$$

b) 
$$\begin{array}{r} 9 \ 8 \_ \_ 2 \ 0 \\ - 2 \_ \_ 3 \_ \_ \_ \_ \\ \hline 7 \ 3 \_ \_ 5 \ 8 \end{array}$$

b) 
$$\begin{array}{r} 4 \ 3 \_ \_ 1 \ 5 \\ - 3 \_ \_ 2 \ 9 \ 0 \\ \hline 8 \ 1 \ 5 \_ \_ \_ \_ \end{array}$$

c) 
$$\begin{array}{r} 1 \_ \_ \_ \_ \\ + \ 5 \ 1 \ 7 \\ \hline \_ \_ 6 \ 8 \ 9 \end{array}$$

b) 
$$\begin{array}{r} 2 \ 9 \ 5 \_ \_ \_ \_ \\ - 1 \ 8 \_ \_ 5 \_ \_ \\ \hline \_ \_ \_ \_ 4 \ 7 \ 0 \end{array}$$