

Kendriya vidyalaya IIT Chennai
Holiday homework 2016 -17
Mathematics
Class VI

Addition and subtraction

a)
$$\begin{array}{r} 26,003 \\ +73,905 \\ \hline \end{array}$$

a)
$$\begin{array}{r} 51,011 \\ -12,527 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 69,030 \\ +30,445 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 22,111 \\ -10,221 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 20,286 \\ +47,010 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 82,620 \\ -15,119 \\ \hline \end{array}$$

1. Anita collects 3457 seashells. Her father gives her 2566 more. How many seashells does she have in all?
2. John has 6452 cards. Mary gives all of her cards to John, then how many cards will John have in all?
3. If there are 5666 pencils in the box and Bala puts 4894 more pencils in the box, then how many blocks are there in the box?
4. If there are 4167 erasers in a box and Sofia puts 6676 more erasers inside, how many erasers are in the box now?
5. Jimmy has 5787 apples. He finds another 9756. How many apples does he have in all?

Multiplication and division

a)
$$\begin{array}{r} 2,951 \\ \times 17 \\ \hline \end{array}$$

a) $1194 \div 3$

b)
$$\begin{array}{r} 8,103 \\ \times 16 \\ \hline \end{array}$$

b) $3653 \div 6$

$$\begin{array}{r} \text{c) } 9,163 \\ \times 95 \\ \hline \end{array}$$

$$\text{c) } 8630 \div 9$$

1. Alex saves Rs. 8550 per month. How much does he save in 12 months?
2. There are 789 pages on a book. How many pages will be there in 14 books?
3. There are 96 cars parked in the mall parking. Each car has 4 wheels. How many wheels will be there in all?
4. How many weeks are there in 105 weeks?
5. A monkey eats 112 bananas in a day. How many bananas will it eat in 67 days?

B → Brackets first (parentheses)

O → Of (orders i.e. Powers and Square Roots, Cube Roots, etc.)

DM → Division and Multiplication (start from left to right)

AS → Addition and Subtraction (start from left to right)

Give the answers using BOD MAS rule

1. $75 \times (4 - 2) =$
2. $72 - 4 \times 15 =$
3. $38 + 4 \times 2 =$
4. $23 \times (4 \times 2) =$
5. $30 \times 4 - 12 =$
6. $12 - 10 \times 2 =$

Find common factors for the following numbers

1. 3 and 4
2. 2 and 5
3. 2 and 6
4. 3 and 5
5. 8 and 6
6. 3 and 7
7. 6 and 7
8. 4 and 9
9. 2 and 9

4. FACTORS AND MULTIPLES

Find the factors for the following numbers

1. 21, _____, _____, _____, _____
 2. 16, _____, _____, _____, _____
 3. 14, _____, _____, _____, _____
 4. 22, _____, _____, _____, _____,
 5. 30, _____, _____, _____, _____,
 6. 6, _____, _____, _____, _____
 7. 33, _____, _____, _____, _____
 8. 27, _____, _____, _____, _____
 9. 28, _____, _____, _____, _____
 10. 45, _____, _____, _____, _____
5. write multiplication tables from 2 – 20. (3 times)