

Tender Heart High School, Chandigarh
Class - II

Subject - Mathematics

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Division

Q) Divide

a) $14 \div 2$

$$\begin{array}{r} 7 \\ 2 \overline{) 14} \\ \underline{-14} \\ 00 \end{array}$$

Q = 7
R = 0

b) $28 \div 4$

$$\begin{array}{r} 7 \\ 4 \overline{) 28} \\ \underline{-28} \\ 00 \end{array}$$

Q = 7
R = 0

c) $18 \div 6$

$$\begin{array}{r} 3 \\ 6 \overline{) 18} \\ \underline{18} \\ 00 \end{array}$$

Q = 3
R = 0

d) $36 \div 6$

$$\begin{array}{r} 6 \\ 6 \overline{) 36} \\ \underline{36} \\ 00 \end{array}$$

Q = 6
R = 0

e) $15 \div 3$

$$\begin{array}{r} 5 \\ 3 \overline{) 15} \\ \underline{15} \\ 00 \end{array}$$

Q = 5
R = 0

Division facts

- 1) Any number $\div 1$ gives the same number.

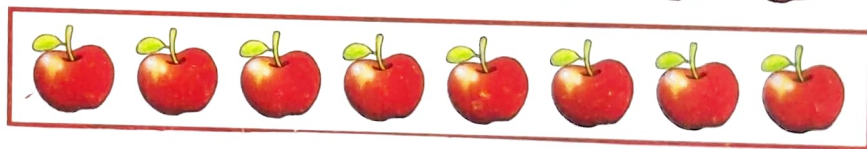
i.e. $8 \div 1 = 8$ or $7 \div 1 = 7$
Any number we take

Division by 1 means collecting the given number of objects in 1 group.

8 apples



1 group



- 2) Division of a number by itself gives 1
for example $5 \div 5 = 1$

i.e. Any number divided by itself is equal to 1.

5 balls



5 groups



No. of objects in 1 group is 1

3) Division by 0

It means collecting the given objects in 0 group.
We can never collect objects into 0 groups.

i.e. $5 \div 0 =$ not possible
or
not defined

4) Division of 0 $\rightarrow$ Means there is no object to be divided.

i.e. $0 \div 3 = 0$

0 divided by any number is zero.

8) QW Fill in the blanks

$$6 \div 1 = 6$$

$$5 \div 5 = 1$$

$$9 \div 9 = 1$$

$$0 \div 7 = 0$$

$$10 \div 10 = 1$$

$$10 \div 1 = 10$$

$$0 \div 10 = 0$$

$$0 \div 1 = 0$$

$$100 \div 1 = 100$$

$$100 \div 100 = 1$$

9) Write two division facts

① $9 \times 8 = 72$

② $6 \times 10 = 60$

Q) Write two multiplication facts

a) $25 \div 5 =$

b) $90 \div 10 =$

c) $48 \div 8$

Fill in the blanks

1) In
$$\begin{array}{r} 2 \\ 4 \overline{) 8} \\ \underline{- 8} \\ 0 \end{array}$$

Dividend is _____

Quotient is _____

Divisor is _____

Remainder is _____

2) $0 \div 16 =$ _____

3) $15 \div 15 =$ _____

4) $28 \div 1 =$ _____

5) $39 \div 0 =$ _____

6) If $5 \times 2 = 10$ then $10 \div 2 =$ _____

7) If $3 \times 5 = 15$ then $15 \div 3 =$ _____

8) If $4 \times 5 = 20$ then $20 \div 4 =$ _____

(9) If $3 \times 6 = 18$ - then $18 \div 3 =$

(10) If $2 \times 7 = 14$ - then $14 \div 2 =$

Story Sum

1) A packet had 16 pencils. Each child is given 2 pencils. How many children got pencils.

Soln.

Total number of pencils = 16
Each child get pencils = 2

No. of children = $16 \div 2$

$$\begin{array}{r} 8 \\ 2 \overline{) 16} \\ \underline{16} \\ 00 \end{array}$$

So, no. of children = 8
got pencils

2) A jar had 24 chocolates. They were packed into packets of 3 each. How many packets can be made?

Total number of chocolates = 24
Each packet has chocolates = 3
no. of packets = $24 \div 3$

$$\begin{array}{r} 8 \\ 3 \overline{) 24} \\ \underline{24} \\ 00 \end{array}$$

So, no. of packets = 8

3. There are 20 flowers. They have to be made into bunches of 4 flowers each. How many bunches can be made?

Total number of flowers = 20

Each bunch has flowers = 4

no. of bunches = $20 \div 4$

$$\begin{array}{r} 5 \\ 4 \overline{) 20} \\ \underline{20} \\ 00 \end{array}$$

So, number of bunches = 5

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4. A box has 45 apples. Each child is given 5 apples. How many children got apples?

Total number of apples = 45

each child has apples = 5

No. of children = $45 \div 5$

$$\begin{array}{r} 9 \\ 5 \overline{) 45} \\ \underline{45} \\ 00 \end{array}$$

So, number of children got apples = 9

5. 30 bananas are divided equally among 6 monkeys. How many bananas each monkey will get?

Total number of bananas = 30

Number of monkey = 6

Each monkey got bananas = $30 \div 6$

$$\begin{array}{r} 5 \\ 6 \overline{) 30} \\ \underline{- 30} \\ 00 \end{array}$$

So, each monkey will get 5 bananas.

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