

MATHDivisionEx (7a)

1. Divide the following using multiplication facts.

$$a) 30 \div 5 = \underline{6} \text{ as } 5 \times 6 = 30$$

$$b) 63 \div 7 = \underline{9} \text{ as } 7 \times 9 = 63$$

$$c) 36 \div 6 = \underline{6} \text{ as } 6 \times 6 = 36$$

$$d) 81 \div 9 = \underline{9} \text{ as } 9 \times 9 = 81$$

$$e) 10 \div 10 = \underline{1} \text{ as } 10 = 1 \times 10$$

• Use multiplication subtraction to find the quotient.

$$\begin{array}{r}
 a) 11 \overline{) 55} \\
 \underline{- 11} \\
 44 \\
 \underline{- 44} \\
 33 \\
 \underline{- 33} \\
 22 \\
 \underline{- 22} \\
 11 \\
 \underline{- 11} \\
 0 \quad Q=5
 \end{array}$$

$$\begin{array}{r}
 b) 4 \overline{) 20} \\
 \underline{- 4} \\
 16 \\
 \underline{- 16} \\
 12 \\
 \underline{- 12} \\
 8 \\
 \underline{- 8} \\
 4 \\
 \underline{- 4} \\
 0 \quad Q=5
 \end{array}$$

$$\begin{array}{r}
 c) 12 \overline{) 48} \\
 \underline{- 12} \\
 36 \\
 \underline{- 36} \\
 24 \\
 \underline{- 24} \\
 12 \\
 \underline{- 12} \\
 0 \quad Q=4
 \end{array}$$

$$\begin{array}{r}
 d) 16 \overline{) 96} \\
 \underline{- 16} \\
 80 \\
 \underline{- 80} \\
 16 \\
 \underline{- 16} \\
 0 \quad Q=6
 \end{array}$$

$$\begin{array}{r}
 84 \\
 - 14 \quad 1 \\
 \hline
 70 \\
 - 14 \quad 2 \\
 \hline
 56 \\
 - 14 \quad 3 \\
 \hline
 42 \\
 - 14 \quad 4 \\
 \hline
 28 \\
 - 14 \quad 5 \\
 \hline
 14 \\
 - 14 \quad 6 \quad 2-4 \\
 \hline
 00
 \end{array}$$

~~12/8/15~~

~~12/8/15~~

C1W

Math Division

3. Total number of grapes = 45

Number of friend she gave to each friend = 9

Total number of friends she gave the grapes

$$= 45 \div 9$$

5 friends

Ans = 5 friends

4. Total number of ^{mangoes} father plucked

mangoes from tree = 192

Number of mangoes pack in each box = 24

Total number of boxes in packed mangoes

$$= 192 \div 24$$

Ans = 8 boxes

5. Total number of student in the class
= 96

Number of student in 1 group = 12

Total number of groups = $96 \div 12$

Ans = 8 groups.

6. Total number of stamps = 78

Number of stamps number posted on
1 page = 13

Number of pages he would use to
paste all the stamps = $78 \div 13$

Ans = 6 pages.

~~Good~~
~~14/6/19~~

4/6/19

chocolate

(11)

7. Total numbers of Jacob has chocolate = 98

Number of chocolate cube his sister eat = 14

Total number of chocolate cube $98 \div 14$

Ans = 7 days

~~Good~~
~~14/6/19~~

Divide the following

a) $88 \div 8$

$$\begin{array}{r} 8 \overline{) 88} \quad Q=11 \\ \underline{88} \\ 00 \end{array}$$

$$\underline{88}$$

$$08$$

$$\underline{8}$$

$$0$$

$$Q=11$$

b) $108 \div 9$

$$\begin{array}{r} 9 \overline{) 108} \quad Q=12 \\ \underline{9} \downarrow \\ 18 \end{array}$$

$$\underline{18}$$

$$00$$

$$Q=12$$

c) $105 \div 7$

$$\begin{array}{r} 7 \overline{) 105} \quad Q=15 \\ \underline{7} \downarrow \\ 35 \end{array}$$

$$\underline{35}$$

$$00$$

$$Q=15$$

d) $144 \div 9$

$$\begin{array}{r} 9 \overline{) 144} \quad Q=16 \\ \underline{9} \downarrow \\ 54 \end{array}$$

$$\underline{54}$$

$$00$$

$$Q=16$$

e) $168 \div 8$

$$\begin{array}{r} 8 \overline{) 168} \quad Q=21 \\ \underline{16} \downarrow \\ 008 \end{array}$$

$$\underline{008}$$

$$0$$

$$Q=21$$

$$84 \div 12$$

$$\begin{array}{r} 12 \overline{) 84} \\ \underline{-84} \\ 00 \end{array} \quad Q = 7$$

Final
16/12/19

Math

Ex-7-b

2. Total number of books = 48

Number of books in 1 box = 4

No. of boxes he made = $48 \div 4$

$$\begin{array}{r} 4 \overline{) 48} \\ \underline{-48} \\ 00 \end{array} \quad 12$$

Ans = 12 boxes

4. Cost of 1 ice cream = ₹ 18

Money spent by Ananya = ₹ 108

No. of ice creams she bought = $108 \div$

$$\begin{array}{r} 18 \overline{) 108} \\ \underline{-108} \\ 00 \end{array}$$

Ans = 6 ice cream

3. Total number of cupcakes = 75
 No. of cupcake Susan packed in gift = 5
 Total number of gift pack = 15
 Ans = 15 gift pack

~~Good~~
~~19/8/15~~

20/8/15

a-2 Write order

a-1 1 1
4 2

Ans = $\frac{1}{6}$

b-1 1
10

number of cupcakes = 75
Susan packed in 4

$$\begin{array}{r} 5 \overline{) 75} \\ \underline{25} \\ 50 \\ \underline{50} \\ 00 \end{array}$$

number of gift packs = 15

Q-2 Write the following fraction in increasing order.

$$a) \frac{1}{4}, \frac{1}{2}, \frac{1}{3}, \frac{1}{6}$$

$$\text{Ans} \Rightarrow \frac{1}{6} < \frac{1}{4} < \frac{1}{3} < \frac{1}{2}$$

$$b) \frac{1}{10}, \frac{1}{4}, \frac{1}{32}, \frac{1}{20}$$

$$\text{Ans} \Rightarrow \frac{1}{41} < \frac{1}{32} < \frac{1}{20} < \frac{1}{10}$$

2-3 Write the following in decreasing order

a) $\frac{1}{28}, \frac{1}{56}, \frac{1}{42}, \frac{1}{29}$

Ans = $\frac{1}{28} > \frac{1}{29} > \frac{1}{42} > \frac{1}{56}$

b) $\frac{1}{49}, \frac{1}{36}, \frac{1}{16}, \frac{1}{50}$

Ans = $\frac{1}{16} > \frac{1}{36} > \frac{1}{49} > \frac{1}{50}$

4. Fraction of Pizza Kanika ate = $\frac{1}{6}$

Fraction of Pizza Ankur ate = $\frac{1}{8}$

Kanika ate more Pizza

5. Fraction of apple Jaspreet ate = $\frac{2}{6}$

Fraction of apple left with Jaspreet = $\frac{4}{6}$

Apple left with $\frac{4}{10}$

Jaspreet has less apples

MathEx 8-dFractions

4. Number of bangles = 32

 $\frac{1}{2}$ of bangles was give to Neha.Number of bangles Neha got = $\frac{1}{2} \times 32 = 16$ bangles

Ans = 16 bangles

6. Number of vehicles fined = 50

 $\frac{1}{5}$ of the vehicles fined were buses.No. of buses that were fined = $\frac{1}{5}$ of 50 = $\frac{1}{5} \times 50 = 10$ buses

Ans = 10 buses

5. Number of Chef made = 20

 $\frac{1}{4}$ of his puddings are mango flavoured.

$$= \frac{1}{4} \times 20$$

$$= \frac{1}{4} \times 20 = 5$$

= 5 cups

7. Number of rupees = 60

 $\frac{1}{6}$ bought a chocolate

$$= \frac{1}{6} \times 60$$

$$= \frac{1}{6} \times 60 = 10$$

Sara should not

Find
2 3/8