Chapter – 2

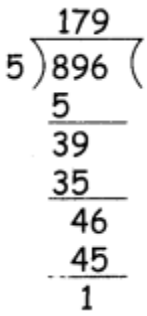
Numbers

Ex 2.1

Simplify the following

Question 1.
896 ÷ 5

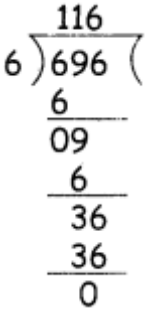
Answer:



Question = 179
Remainder = 1

Question 2.
696 ÷ 6

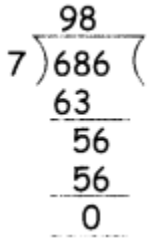
Answer:



Question = 116
Remainder = 0

Question 3.
686 ÷ 7

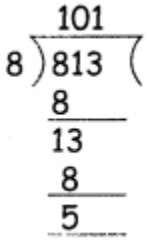
Answer:



Question = 98
Remainder = 0

Question 4.
813 ÷ 8

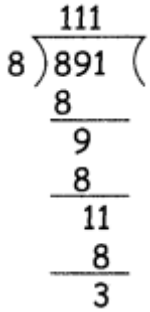
Answer:



Question = 101
Remainder = 5

Question 5.
891 ÷ 8

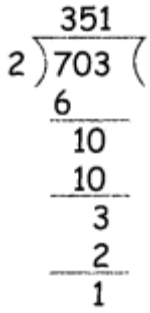
Answer:



Question = 111
Remainder = 3

Question 6.
703 ÷ 2

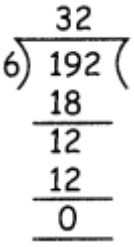
Answer:



Question = 351
Remainder = 1

Question 7.
Rahul has 192 toy cars. He put them equally in 6 boxes. How many toy cars will he put in each box? How many toy cars are left over?

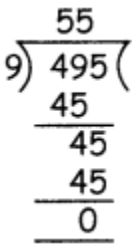
Answer:



Question = 32
Remainder = 0
32 toys in each box. No toys left over.

Question 8.
Akila has 495 photographs to put in an album. She can put 9 photographs on each page. How many pages can she fill?

Answer:



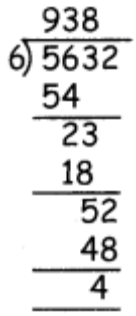
Question = 55
Remainder = 0
She filled 55 pages

Ex 2.2

Divide the following

Question 1.
5632 ÷ 6

Answer:



Quotient = 938
Remainder = 4

Question 2.
7460 ÷7

Answer:

```
  1065
7)7460
  7
  ---
   46
   42
  ---
    40
    35
  ---
     5
```

Quotient = 1065
Remainder = 5

Question 3.
4964 ÷ 8

Answer:

```
  62
8)4964
  48
  ---
   16
   16
  ---
    4
```

Quotient = 62
Remainder = 4

Question 4.
8616 ÷ 6

Answer:

```
  1436
6)8616
  6
  ---
   26
   24
  ---
    21
    18
  ---
     36
     36
  ---
      0
```

Quotient = 1436
Remainder = 0

Question 5.
8645 ÷ 7

Answer:

```
  1235
7)8645
  7
  16
  14
   24
   21
   35
   35
    0
```

Quotient = 1235
Remainder = 0

Question 6.
5742 ÷ 9

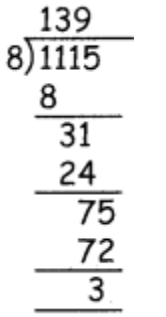
Answer:

```
  638
9)5742
  54
   34
   27
    72
    72
     0
```

Quotient = 638
Remainder = 0

Question 7.
In my school, there are 1115 students from class 1 to 8.
If the number of students is same in all the classes, how many students are there in each class?

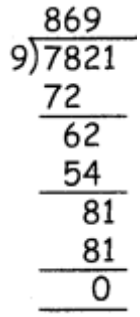
Answer:



139 students

Question 8.
The height of a mountain is 7821 m. Raj took 9 days to reach the top.
How many metres did he cover daily if he travelled equal distances every day?

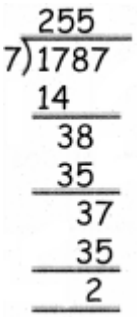
Answer:



He travelled 869 m every day

Question 9.
A total of 1787 kg wheat has to be packed equally in 7 bags. What will be the weight of each bag?

Answer:



Each bag weights 225 kg

Ex 2.3

S.No.	Name of the Item	Price Per Kg (in ₹)
1	Raw Rice	56
2	Boiled Rice	54
3	Wheat	40
4	Tamarind	180
5	Red chilly	100

What else could you frame some more questions based on this table?

Answer:
i) What is the price of 6 kg of boiled rice?
ii) What is the price of loo g of red chilly?
iii) What is the price of 250 g of tamarind?
iv) What is the price of 2 kg of wheat?
v) What is the sum of the price of 6 kg boiled rice and 1 kg raw rice?

Question 1.
Frame word problems, using the picture given

Cost of 1 piece of cake ₹ 25

Answer:
1. How many pieces of cake are there?
2. Find the cost of 5 pieces of cake?

Question 2.
Frame word problems, using the picture given:

Total cost of the clocks ₹ 490

Answer:

1. What is the total cost of 1 clock?
2. What is the total cost of 3 clock

Ex 2.4

Estimate the following numbers to nearest tens and then add or subtract.

Question 1.

45
(+) 93
_____

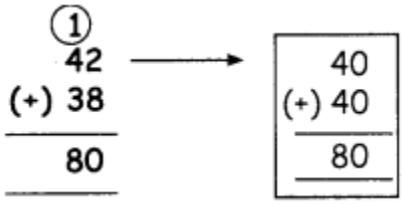
Answer:

50
(+) 90
140

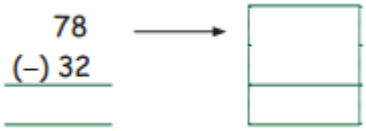
Question 2.

42
(+) 38
_____

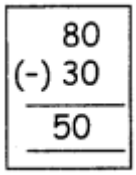
Answer:



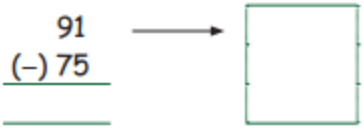
Question 3.



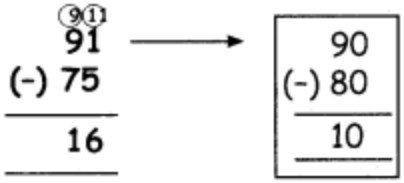
Answer:



Question 4.



Answer:



Ex 2.5

Estimate and calculate:

S.No.	Multiplication fact	Actual value	Estimated value	Difference
1.	35 x 12	420	40 x 10 = 400	20
2.	82 x 28			
3.	16 x 12			
4.	23 x 27			

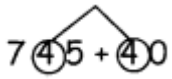
Answer:

S.No	Multiplication fact	Actual value	Estimated value	Difference
1	35 × 12	420	40 × 10 = 400	20
2	82 × 28	2296	80 × 30 = 2400	104
3	16 × 12	192	20 × 10 = 200	8
4	23 × 27	621	20 × 30 = 600	21

Ex 2.6

Add and subtract the following problems using multiples of 10, 100 (Mentally)

Question 1.
745 + 40 = _____
Hint:

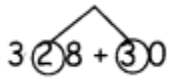


4 + 4 = 8
745 + 40 = 785

Answer:
785

Question 2.
328 + 30 = _____

Hint:

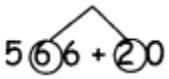


2 + 3 = 5
328 + 30 = 358

Answer:
358

Question 3.
566 + 20 = _____

Hint:

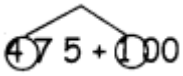


6 + 2 = 8
566 + 20 = 586

Answer:
586

Question 4.
475 + 100 = _____

Hint:

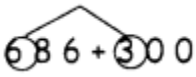


4 + 1 = 5
475 + 100 = 575

Answer:
575

Question 5.
686 + 300 = _____

Hint:



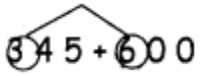
6 + 3 = 9

686 + 300 = 986

Answer:
986

Question 6.
345 + 600 = _____

Hint:

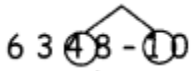


3 + 6 = 9
345 + 600 = 945

Answer:
945

Question 7.
6348 – 10 = _____

Hint:

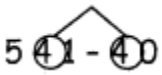


4 – 1 = 3
6348 – 10 = 6338

Answer:
6338

Question 8.
541 – 40 = _____

Hint:

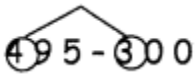


4 – 4 = 0
541 – 40 = 501

Answer:
501

Question 9.
495 – 300 = _____

Hint:

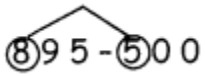


4 – 3 = 1
495 – 300 = 195

Answer:
195

Question 10.
657 – 500 = _____

Hint:

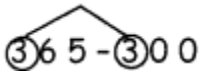


6 – 5 = 1
657 – 500 = 157

Answer:
157

Question 11.
895 – 500 = _____

Hint:

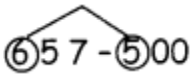


8 – 5 = 3
895 – 500 = 395

Answer:
395

Question 12.
365 – 300 = _____

Hint:



3 – 3 = 0
365 – 300 = 65

Answer:
65

Ex 2.7

Simplify the following multiplication facts by adding partial products.

Question 1.
9 × 42

Answer:
42 = 40 + 2
40 × 9 = 360
2 × 9 = 18
9 × 42 = 360 + 18 = 378

360
+ 18
378

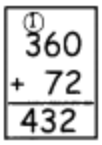
Question 2.
3 × 78

Answer:
78 = 70 + 8
70 × 3 = 210
8 × 3 = 24
3 × 78 = 210 + 24 = 234

210
+ 24
234

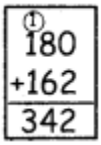
Question 3.
36 × 12

Answer:
36 = 30 + 6
30 × 12 = 360
6 × 12 = 72
36 × 12 = 360 + 72 = 432



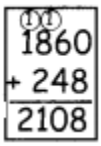
Question 4.
18 × 19

Answer:
19 = 10 + 9
10 × 18 = 180
18 × 9 = 162
180 + 162 = 342



Question 5.
68 × 31

Answer:
68 = 60 + 8
60 × 31 = 1860
8 × 31 = 248
68 × 31 = 1860 + 248 = 2108



Question 6.
42 × 21

Answer:
42 = 40 + 2
40 × 21 = 840
2 × 21 = 42
42 × 21 = 840 + 42 = 882