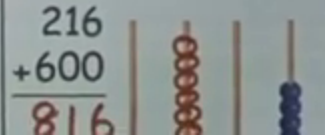
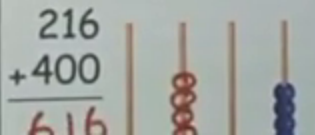
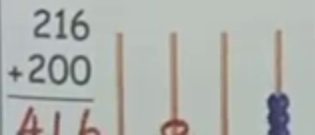
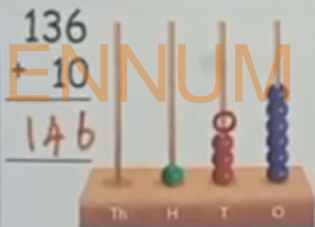


## Activity-1

Draw beads according to the numbers and add.



## Activity-1

Draw beads according to the numbers and add.



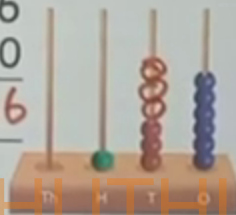
$$\begin{array}{r} 136 \\ + 10 \\ \hline \end{array}$$

146



$$\begin{array}{r} 136 \\ + 30 \\ \hline \end{array}$$

166



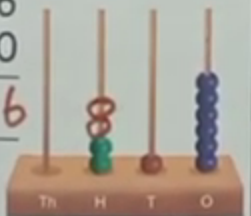
$$\begin{array}{r} 136 \\ + 50 \\ \hline \end{array}$$

186



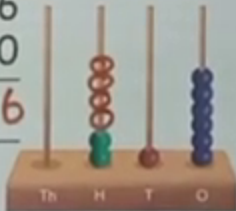
$$\begin{array}{r} 216 \\ + 200 \\ \hline \end{array}$$

416



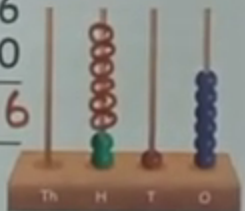
$$\begin{array}{r} 216 \\ + 400 \\ \hline \end{array}$$

616

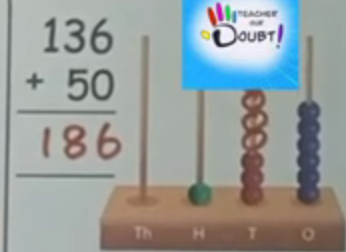
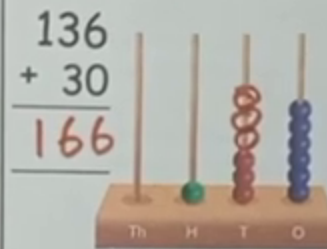
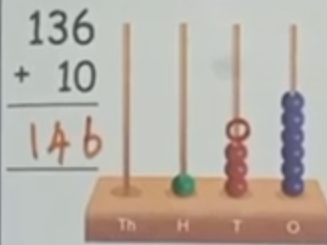


$$\begin{array}{r} 216 \\ + 600 \\ \hline \end{array}$$

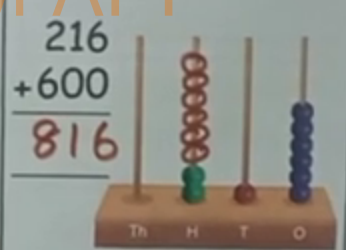
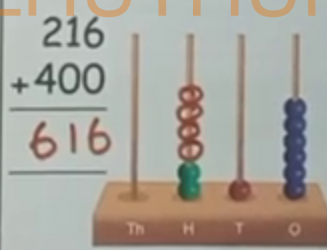
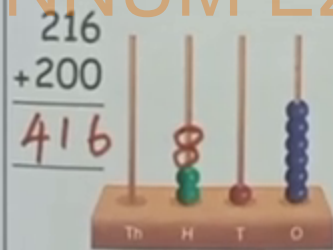
816



Draw beads according to the numbers and add.



ENNUM EZHUTHUM APP



2.1 Write the numbers of your choice and add.

1	→	+10	→	11
2	→	+10	→	12
3	→	+10	→	13
4	→	+10	→	14
5	→	+10	→	15
6	→	+10	→	16



2.1 Write the numbers of your choice and add.

1	→	+10	→	11
2	→	+10	→	12
3	→	+10	→	13
4	→	+10	→	14
5	→	+10	→	15
6	→	+10	→	16



2.1 Write the numbers of your choice and add.

1	→	+10	→	11
2	→	+10	→	12
3	→	+10	→	13
4	→	+10	→	14
5	→	+10	→	15
6	→	+10	→	16

2.2 Write numbers of your choice and add.



6

+

10

=

16

20

=

26

30

=

36

40

=

46

50

=

56

60

=

66

ENNUM EZHUTHUM APP

2.3

Write a three digit number of your choice in the box.

2.2

Write numbers of your choice and add.



6 + 10 = 16

6 + 20 = 26

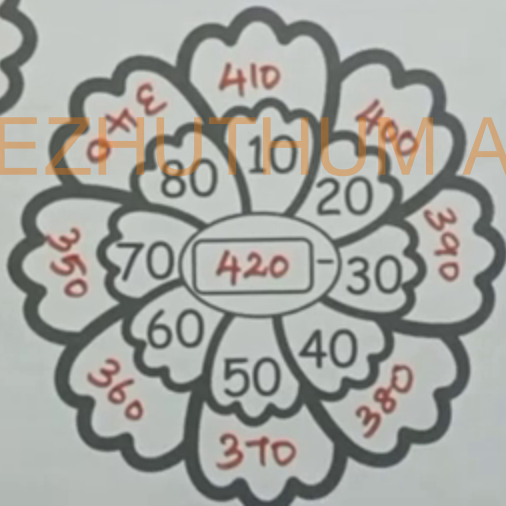
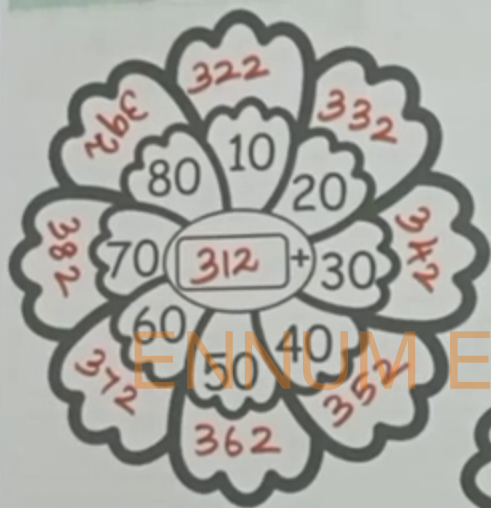
6 + 30 = 36

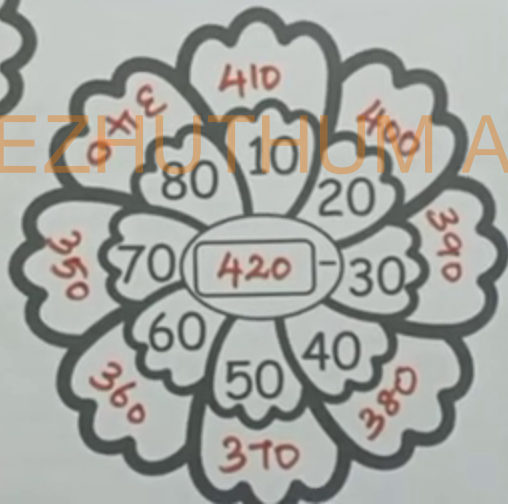
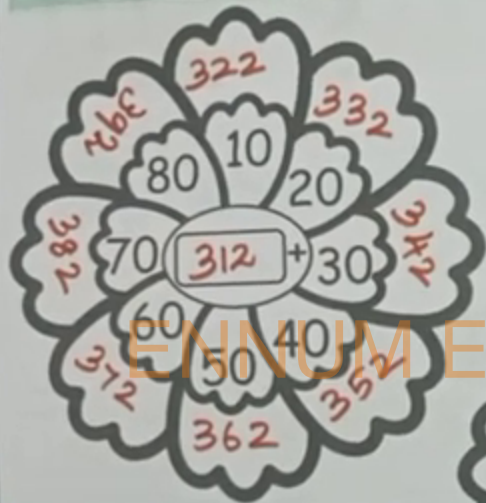
6 + 40 = 46

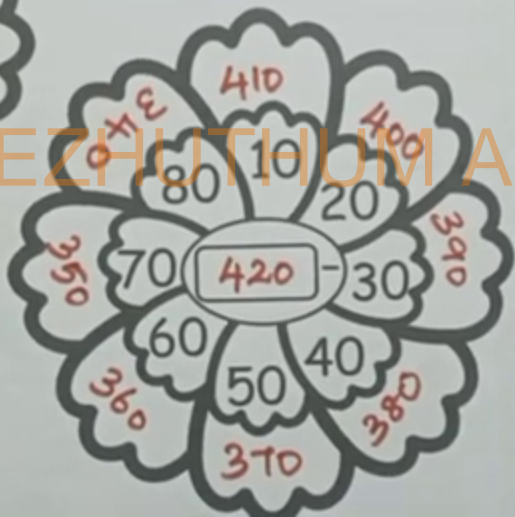
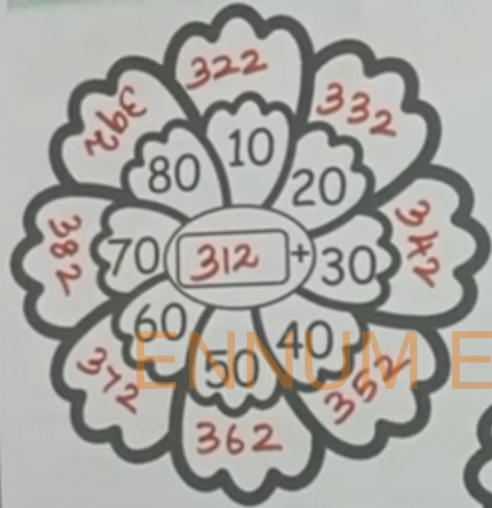
6 + 50 = 56

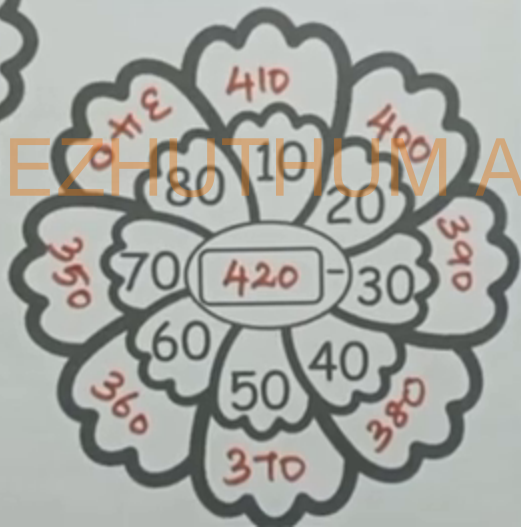
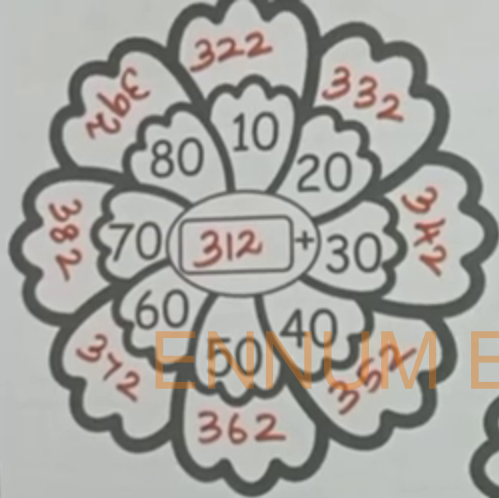
6 + 60 = 66

ENNUM EZHUTHUM APP









1. W
  2. W
  3. W
  4. I
- or



### Savings scheme



Month	Amount Deposited (₹)	Total (₹)
January	100	100
February	100	200
March	100	300
April	100	400
May	100	500
June	100	600
July	100	700
August	100	800
September	100	900
	100	1000

ENUM EZHUTHUM APP

January	100	100
February	100	200
March	100	300
April	100	400
May	100	500
June	100	600
July	100	700
August	100	800
September	100	900
October	100	1000
November	100	1100
December	100	1200



ENNUM EZHUTHUM APP



June	100	500
July	100	600
August	100	700
September	100	800
October	100	900
November	100	1000
December	100	1100

1. What is the total amount you deposited till the month of June?

₹ 600

2. What will be the total amount if you deposit till the month of December?

₹ 1200

November	100	1100
December	100	120



1. What is the total amount you deposited till the month of June?

₹ 600

2. What will be the total amount if you deposit till the month of December?

₹ 1200

3. What is the total amount you deposited from February to September?

₹ 800

4. If you take away ₹400 from your savings, what will be the remaining amount?

₹ 800

November	100	110
December	100	120



1. What is the total amount you deposited till the month of June?

₹ 600

2. What will be the total amount if you deposit till the month of December?

₹ 1200

3. What is the total amount you deposited from February to September?

₹ 800

4. If you take away ₹400 from your savings, what will be the remaining amount?

₹ 800

## 2.5 Expand and multiply.



$$14 \times 3$$

$$1 \times 3 = 3$$

$$10 \times 3 = 30$$

$$2 \times 3 = 6$$

$$4 \times 3 = 12$$

$$10 \times 3 = 30$$
$$+ 4 \times 3 = 12$$

$$\underline{\underline{14 \times 3 = 42}}$$

$$12 \times 7$$

$$1 \times 7 = 7$$

$$10 \times 7 = 70$$

$$6 \times 7 = 42$$

$$2 \times 7 = 14$$

$$10 \times 7 = 70$$

$$+ 2 \times 7 = 14$$

$$\underline{\underline{12 \times 7 = 84}}$$

## 2.6 Expand and multiply.

## 2.5 Expand and multiply.



$$14 \times 3$$

$$12 \times 7$$

$$1 \times 3 = 3$$

$$10 \times 3 = 30$$

$$2 \times 3 = 6$$

$$4 \times 3 = 12$$

$$10 \times 3 = 30$$

$$+ 4 \times 3 = 12$$

$$\underline{\underline{14 \times 3 = 42}}$$

$$1 \times 7 = 7$$

$$10 \times 7 = 70$$

$$6 \times 7 = 42$$

$$2 \times 7 = 14$$

$$10 \times 7 = 70$$

$$+ 2 \times 7 = 14$$

$$\underline{\underline{12 \times 7 = 84}}$$

## 2.6 Expand and multiply.

## 2.5 Expand and multiply.

$$14 \times 3$$

$$1 \times 3 = 3$$

$$10 \times 3 = 30$$

$$2 \times 3 = 6$$

$$4 \times 3 = 12$$

$$10 \times 3 = 30$$

$$+ 4 \times 3 = 12$$

$$\underline{14 \times 3 = 42}$$

$$12 \times 7$$



$$1 \times 7 = 7$$

$$10 \times 7 = 70$$

$$6 \times 7 = 42$$

$$2 \times 7 = 14$$

$$10 \times 7 = 70$$

$$+ 2 \times 7 = 14$$

$$\underline{12 \times 7 = 84}$$

## 2.6 Expand and multiply.

$$17 \times 14$$

$$12 \times 12$$



## 2.6 Expand and multiply.

$$17 \times 14$$

$$1 \times 14 = 14$$

$$10 \times 14 = 140$$

$$5 \times 14 = 70$$

$$2 \times 14 = 28$$

$$7 \times 14 = 98$$

$$10 \times 14 = 140$$

$$+ 7 \times 14 = 98$$

$$\underline{\underline{17 \times 14 = 238}}$$

$$13 \times 12$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$4 \times 12 = 48$$

$$3 \times 12 = 36$$

$$10 \times 12 = 120$$

$$+ 3 \times 12 = 36$$

$$\underline{\underline{13 \times 12 = 156}}$$

27

Write 2 two-digit numbers of your choice, expand them,



## 2.6 Expand and multiply.

$$17 \times 14$$

$$1 \times 14 = 14$$

$$10 \times 14 = 140$$

$$5 \times 14 = 70$$

$$2 \times 14 = 28$$

$$7 \times 14 = 98$$

$$10 \times 14 = 140$$

$$+ 7 \times 14 = 98$$

$$\hline 17 \times 14 = 238$$

$$13 \times 12$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$4 \times 12 = 48$$

$$3 \times 12 = 36$$

$$10 \times 12 = 120$$

$$+ 3 \times 12 = 36$$

$$\hline 13 \times 12 = 156$$

2.7

Write 2 two-digit numbers of your choice, expand them, multiply and find the answer.

2.6 Expand and multiply.



$$17 \times 14$$

$$1 \times 14 = 14$$

$$10 \times 14 = 140$$

$$5 \times 14 = 70$$

$$2 \times 14 = 28$$

$$7 \times 14 = 98$$

$$10 \times 14 = 140$$

$$+ 7 \times 14 = 98$$

$$\underline{17 \times 14 = 238}$$

$$13 \times 12$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$4 \times 12 = 48$$

$$3 \times 12 = 36$$

$$10 \times 12 = 120$$

$$+ 3 \times 12 = 36$$

$$\underline{13 \times 12 = 156}$$

2.7

Write 2 two-digit numbers of your choice, expand them, multiply and find the answer.

17

$\times$

26

13

$\times$

14



2.7

Write 2 two-digit numbers of your choice, expand the multiply and find the answer.

$$17 \times 26$$

$$1 \times 26 = 26$$

$$10 \times 26 = 260$$

$$5 \times 26 = 130$$

$$2 \times 26 = 52$$

$$7 \times 26 = 182$$

$$10 \times 26 = 260$$

$$+ 7 \times 26 = 182$$

$$\hline 17 \times 26 = 442$$

$$13 \times 14$$

$$1 \times 14 = 14$$

$$10 \times 14 = 140$$

$$5 \times 14 = 70$$

$$2 \times 14 = 28$$

$$3 \times 14 = 42$$

$$10 \times 14 = 140$$

$$3 \times 14 = 42$$

$$\hline 13 \times 14 = 282$$



2.7

Write 2 two-digit numbers of your choice, expand them and find the answer.

17

 $\times$ 

26

$$1 \times 26 = 26$$

$$10 \times 26 = 260$$

$$5 \times 26 = 130$$

$$2 \times 26 = 52$$

$$7 \times 26 = 182$$

$$10 \times 26 = 260$$

$$+ 7 \times 26 = 182$$

$$\hline 17 \times 26 = 442$$

13

 $\times$ 

14

$$1 \times 14 = 14$$

$$10 \times 14 = 140$$

$$5 \times 14 = 70$$

$$2 \times 14 = 28$$

$$3 \times 14 = 42$$

$$10 \times 14 = 140$$

$$3 \times 14 = 42$$

$$\hline 13 \times 14 = 282$$

2.8 Expand and multiply to find the answer.

$$16 \times 8$$

$$13 \times 6$$

$$1 \times 8 = 8$$

$$10 \times 8 = 80$$

$$4 \times 8 = 32$$

$$6 \times 8 = 48$$

$$10 \times 8 = 80$$

$$6 \times 8 = 48$$

$$+ \quad \underline{\quad \quad \quad}$$

$$16 \times 8 = 128$$

$$1 \times 6 = 6$$

$$10 \times 6 = 60$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$10 \times 6 = 60$$

$$3 \times 6 = 18$$

$$\underline{\quad \quad \quad}$$

$$13 \times 6 = 78$$

2.9

Expand and multiply to find the answer.

2.8 Expand and multiply to find the answer.



$$16 \times 8$$

$$13 \times 6$$

$$1 \times 8 = 8$$

$$10 \times 8 = 80$$

$$4 \times 8 = 32$$

$$6 \times 8 = 48$$

$$10 \times 8 = 80$$

$$6 \times 8 = 48$$

$$\begin{array}{r} 80 \\ + 48 \\ \hline 128 \end{array}$$

$$1 \times 6 = 6$$

$$10 \times 6 = 60$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$10 \times 6 = 60$$

$$3 \times 6 = 18$$

$$\begin{array}{r} 60 \\ + 18 \\ \hline 78 \end{array}$$

2.9 Expand and multiply to find the answer.



2.9

Expand and multiply to find the answer.

$$16 \times 11$$

$$14 \times 12$$

$$1 \times 11 = 11$$

$$10 \times 11 = 110$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$6 \times 11 = 66$$

$$10 \times 11 = 110$$

$$6 \times 11 = 66$$

$$\hline 16 \times 11 = 176$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$10 \times 12 = 120$$

$$4 \times 12 = 48$$

$$\hline 14 \times 12 = 168$$

2.10

Write 2 two-digit numbers of your choice, expand them,



$$1 \times 11 = 11$$

$$10 \times 11 = 110$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$6 \times 11 = 66$$

$$10 \times 11 = 110$$

$$6 \times 11 = 66$$

$$\begin{array}{r} 16 \times 11 = 176 \end{array}$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$10 \times 12 = 120$$

$$4 \times 12 = 48$$

$$14 \times 12 = 168$$



ENNUM EZHUTHUM APP

2.10

Write 2 two-digit numbers of your choice, expand them, multiply and find the answer.

18

$\times$

12

14

$\times$

13

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$10 \times 12 = 120$$

$$1 \times 13 = 13$$

$$10 \times 13 = 130$$

$$10 \times 13 = 130$$

$$3 \times 11 = 33$$

$$6 \times 11 = 66$$

$$16 \times 11 = 176$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$14 \times 1$$



2.10

Write 2 two-digit numbers of your choice, expand them, multiply and find the answer.

18

12

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$8 \times 12 = 96$$

$$10 \times 12 = 120$$

$$8 \times 12 = 96$$

$$\underline{316}$$

$$1 \times 13 = 13$$

$$10 \times 13 = 130$$

$$2 \times 13 = 26$$

$$4 \times 13 = 52$$

$$10 \times 13 = 130$$

$$4 \times 13 = 52$$

$$\underline{182}$$

ENNUM EZHUTHUM APP

$$6 \times 11 = 66$$

$$16 \times 11 = 176$$

$$5 \times 12 = 60$$

$$14 \times 12 = 168$$



2.10 Write 2 two-digit numbers of your choice, expand them, multiply and find the answer.

$$18 \times 12$$

$$14 \times 13$$

$$1 \times 12 = 12$$

$$10 \times 12 = 120$$

$$2 \times 12 = 24$$

$$8 \times 12 = 96$$

$$10 \times 12 = 120$$

$$8 \times 12 = 96$$

$$\begin{array}{r} 120 \\ + 96 \\ \hline 316 \end{array}$$

$$1 \times 13 = 13$$

$$10 \times 13 = 130$$

$$2 \times 13 = 26$$

$$4 \times 13 = 52$$

$$10 \times 13 = 130$$

$$4 \times 13 = 52$$

$$\begin{array}{r} 130 \\ + 52 \\ \hline 182 \end{array}$$

ENNUM EZHUTHUM APP

2. Mala bought 15 *murruku* and shared it equally with her friends Jhansi and Begum. How many *murruku* did each of them get?



Mala



Jhansi



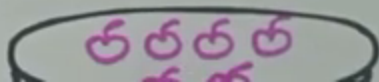
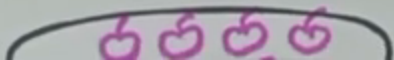
Begum

3. Ajay kept the 30 apples he bought equally in 5 baskets. Find the number of apples in each basket.

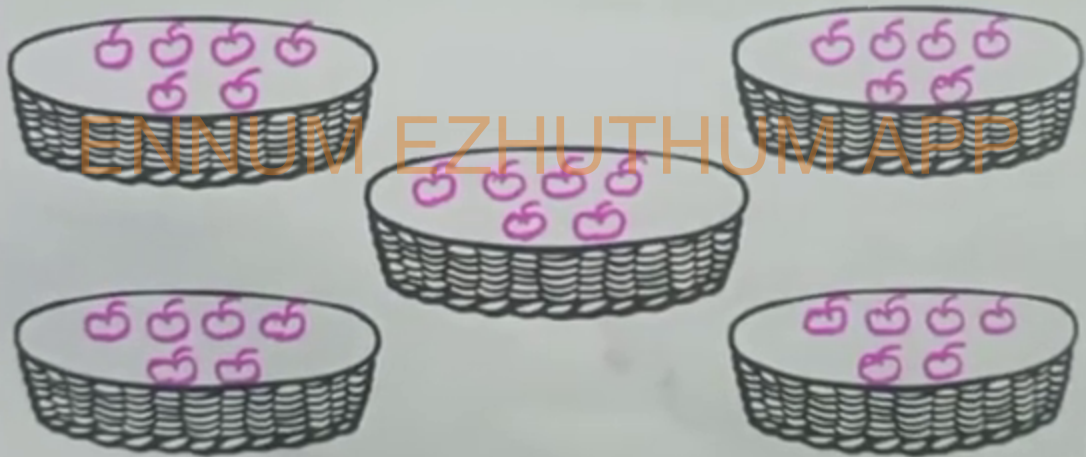
2. Mala bought 15 *murruku* and shared it equally with her Jhansi and Begum. How many *murruku* did each of them get?



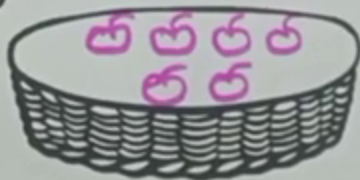
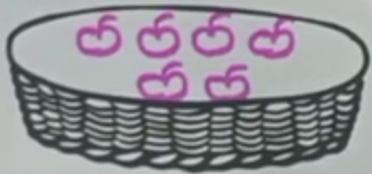
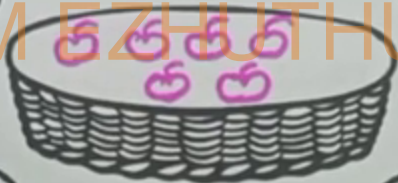
3. Ajay kept the 30 apples he bought equally in 5 baskets. Find the number of apples in each basket.



3. Ajay kept the 30 apples he bought equally in 5 baskets. Find the number of apples in each basket.



3. Ajay kept the 30 apples he bought equally in 5 baskets. Find the number of apples in each basket.



ENNUM EZHUTHUM APP

2.12 Complete the table.



Multiplication fact	Division facts	
$3 \times 9 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
$12 \times 4 = 48$	$48 \div 12 = 4$	$48 \div 4 = 12$
$6 \times 2 = 12$	$12 \div 6 = 2$	$12 \div 2 = 6$
$25 \times 3 = 75$	$75 \div 25 = 3$	$75 \div 3 = 25$
$10 \times 8 = 80$	$80 \div 8 = 10$	$80 \div 10 = 8$



2.12

Complete the table.



Multiplication fact	Division facts	
$3 \times 9 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
$12 \times 4 = 48$	$48 \div 12 = 4$	$48 \div 4 = 12$
$6 \times 2 = 12$	$12 \div 6 = 2$	$12 \div 2 = 6$
$25 \times 3 = 75$	$75 \div 25 = 3$	$75 \div 3 = 25$
$10 \times 8 = 80$	$80 \div 8 = 10$	$80 \div 10 = 8$

2.13 Divide.

$$81 \div 3$$

$$\begin{array}{r} 27 \\ 3 \overline{)81} \\ \underline{-61} \phantom{0} \\ 21 \\ \underline{21} \\ 0 \end{array}$$

$$428 \div 4$$

$$\begin{array}{r} 107 \\ 4 \overline{)428} \\ \underline{-400} \phantom{0} \\ 28 \\ \underline{28} \\ 0 \end{array}$$

$$996 \div 6$$

$$\begin{array}{r} 166 \\ 6 \overline{)996} \\ \underline{-60} \phantom{0} \\ 39 \\ \underline{36} \phantom{0} \\ 36 \\ \underline{36} \\ 0 \end{array}$$

ENNUM EZHUTHUM APP

## 2.13 Divide.

$$81 \div 3$$

$$\begin{array}{r} 27 \\ 3 \overline{)81} \\ \underline{-60} \\ 21 \\ \underline{21} \\ 0 \end{array}$$

$$428 \div 4$$

$$\begin{array}{r} 107 \\ 4 \overline{)428} \\ \underline{-400} \\ 28 \\ \underline{28} \\ 0 \end{array}$$

$$996 \div 6$$

$$\begin{array}{r} 166 \\ 6 \overline{)996} \\ \underline{-600} \\ 396 \\ \underline{-360} \\ 36 \\ \underline{36} \\ 0 \end{array}$$



ENNUM EZHUTHUM APP

2.13 Divide.



$$81 \div 3$$

$$\begin{array}{r} 27 \\ 3 \overline{) 81} \\ \underline{- 6} \phantom{1} \\ 21 \\ \underline{- 21} \\ 0 \end{array}$$

$$428 \div 4$$

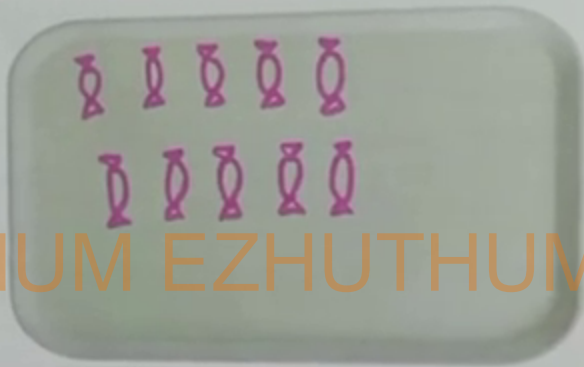
$$\begin{array}{r} 107 \\ 4 \overline{) 428} \\ \underline{- 4} \phantom{28} \\ 28 \\ \underline{- 28} \\ 0 \end{array}$$

$$996 \div 6$$

$$\begin{array}{r} 166 \\ 6 \overline{) 996} \\ \underline{- 6} \phantom{96} \\ 39 \\ \underline{- 36} \phantom{6} \\ 36 \\ \underline{- 36} \\ 0 \end{array}$$

ENNUM EZHUTHUM APP

Draw chocolates in the plates in the count of your choice and share it equally among your friends and enjoy.



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Total number of chocolates

=

10

Number of friends

=

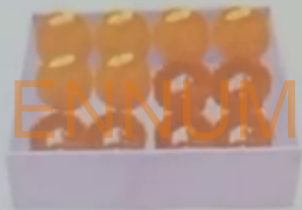
5

Number of chocolates received by each friend

=

2

2.15 Fill in with appropriate symbols (+, -, =).



$$6 \boxed{+} 6 \boxed{=} 12$$



$$12 \boxed{-} 4 \boxed{=} 8$$

2.15 Fill in with appropriate symbols (+, -, =).



$$6 \boxed{+} 6 \boxed{=} 12$$



$$12 \boxed{-} 4 \boxed{=} 8$$

2.15 Fill in with appropriate symbols (+, -, =).



$$6 \boxed{+} 6 \boxed{=} 12$$



$$12 \boxed{-} 4 \boxed{=} 8$$



2.16 Write the appropriate statement for the story sums.



- 1) If Raja had 6 red balls and 7 green balls, what is the total of balls he had?

$$6 + 7 = 13$$

- 2) If Bala ate 4 laddus out of 20 laddus made by his mother, how many laddus will be remaining?

$$20 - 4 = 16$$

- 3) If there are 6 eggs in a tray, how many eggs will be there in 3 such trays?

$$6 \times 3 = 18$$

2.17 Create story problems using the given picture and solve.

If there are 100 guava's in a



2.16 Write the appropriate statement for the story sums.



- 1) If Raja had 6 red balls and 7 green balls, what is the total of balls he had?

$$6 + 7 = 13$$

- 2) If Bala ate 4 laddus out of 20 laddus made by his mother, how many laddus will be remaining?

$$20 - 4 = 16$$

- 3) If there are 6 eggs in a tray, how many eggs will be there in 3 such trays?

$$6 \times 3 = 18$$

2.17 Create story problems using the given picture and solve.

If there are 100 guava's in a



2.16 Write the appropriate statement for the story sums.



- 1) If Raja had 6 red balls and 7 green balls, what is the total number of balls he had?

$$6 + 7 = 13$$

- 2) If Bala ate 4 laddus out of 20 laddus made by his mother, how many laddus will be remaining?

$$20 - 4 = 16$$

- 3) If there are 6 eggs in a tray, how many eggs will be there in 3 such trays?

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2.17 Create story problems using the given picture and solve.

If there are 100 guava's in a



$$6 \times 3 = 18$$

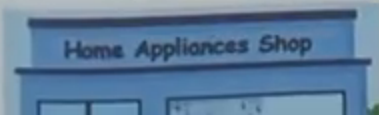


2.17 Create story problems using the given picture and solve.

If there are 100 guava's in a table, how many guava's will be there in 5 such tables?



$$100 \times 5 = 500 \text{ guavas}$$



If the shop had 4 chairs and 6 sofa's. what is

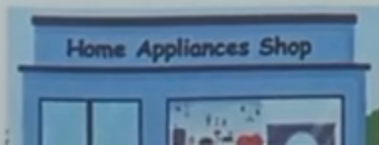
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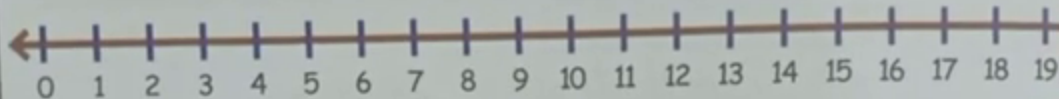
there in 5 such tables?

$$100 \times 5 = 500 \text{ guavas}$$



If the shop had 4 chairs  
and 6 sofas. what is  
the total number of  
furniture?

$$6 + 4 = 10$$



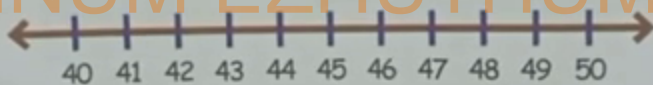
Tens near to 17

10 ☐ 20 ☒

Tens near to 13

10 ☒ 20 ☐

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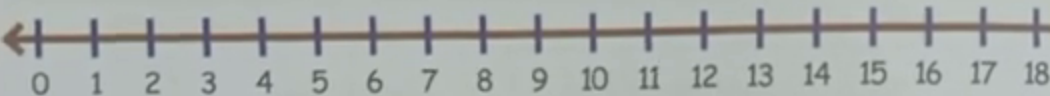
Tens near to 44

40 ☒ 50 ☐

Tens near to 46

40 ☐ 50 ☒

**2.19** Connect with the nearest 100.



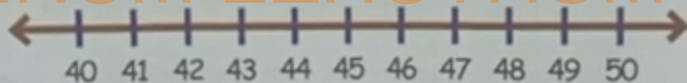
Tens near to 17

10 ☐ 20 ☒

Tens near to 13

10 ☒ 20 ☐

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Tens near to 44

40 ☒ 50 ☐

Tens near to 46

40 ☐ 50 ☒



40 41 42 43 44 45 46 47 48 49 50

Tens near to 44

40 ☒ 50 ☐

Tens near to 46

40 ☐ 50 ☒



### 2.19 Connect with the nearest 100.

1. 

200	←	240		300
300		380	→	400
700		790	→	800
700		610	→	600
100	←	110		200
800		850	→	900

## 2.19 Connect with the nearest 100.

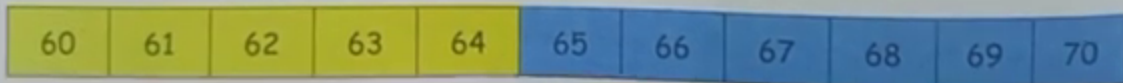


1. 

200	←	240		300
300		380	→	400
700		790	→	800
700		610	→	600
100	←	110		200
800		850	→	900

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2. Shade the number with the colour of its estimated value.



700

610

600

100

110

200

800

850

900



2. Shade the number with the colour of its estimated value.

60	61	62	63	64	65	66	67	68	69	70
----	----	----	----	----	----	----	----	----	----	----

120	121	122	123	124	125	126	127	128	129	130
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

190	191	192	193	194	195	196	197	198	199	200
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

210	211	212	213	214	215	216	217	218	219	220
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



100

110

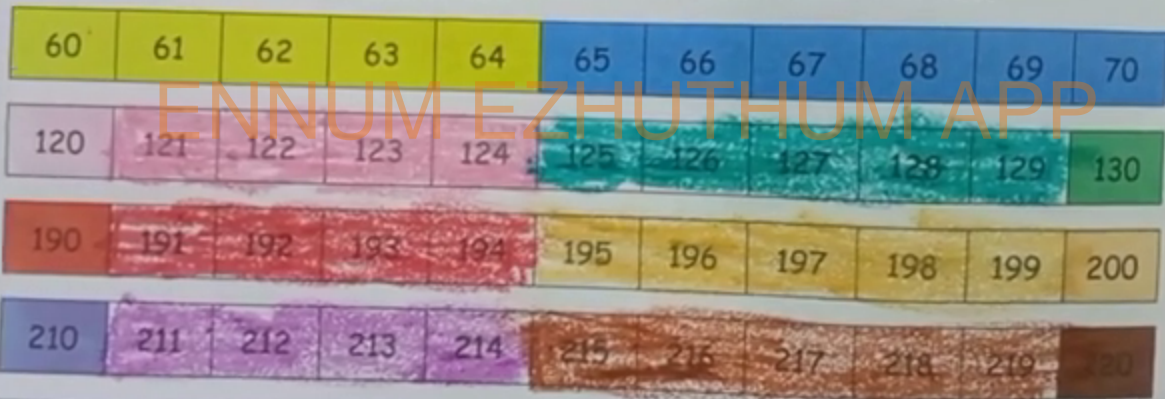
800

850

20

900

2. Shade the number with the colour of its estimated value.



Number	Nearest tens	Nearest hundred
3737	3740	3700
4483	4480	4500
8972	8970	9000
4998	5000	5000
1002	1000	1000



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2.21 Tick (✓) the correct answer.

- 1) Which number gives 300 on estimating to the nearest hundreds ?

2.20

Estimate to the nearest tens, hundreds.



Number	Nearest tens	Nearest hundred
3737	3740	3700
4483	4480	4500
8972	8970	9000
4998	5000	5000
1002	1000	1000

2.21

Tick (✓) the correct answer.

... to the nearest hundreds?

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Number	Nearest tens	Nearest hundred
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2.21 Tick (✓) the correct answer.

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1) Which number gives 300 on estimating to the nearest hundred?

☒ a) 255

b) 350

c) 209

d) 199

2) Choose the correct estimation to the nearest tens?

a) Estimated value of 79 is 100

b) Estimated value of 105 is 100

☒ c) Estimated value of 91 is 90

d) Estimated value of 95 is 90

3) On estimating 73 to the nearest tens, and to the nearest





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a) Estimated value of 79 is 100

b) Estimated value of 105 is 100

☒ c) Estimated value of 91 is 90

d) Estimated value of 95 is 90

3) On estimating 73 to the nearest tens, and to the nearest hundreds, we get \_\_\_\_\_

a) 80, 100

☒ b) 70, 100

c) 80, 200

d) 70, 200

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2.22

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.



Actual value

Estimated value

$$\begin{array}{r}
 32 \\
 + 14 \\
 \hline
 46
 \end{array}
 \approx
 \begin{array}{r}
 30 \\
 + 10 \\
 \hline
 40
 \end{array}$$

Actual value ☒ 46 ✓  
 Estimated value ☐ 40 ✗

Actual value

Estimated value

$$\begin{array}{r}
 21 \\
 + 16 \\
 \hline
 37
 \end{array}
 \approx
 \begin{array}{r}
 20 \\
 + 20 \\
 \hline
 40
 \end{array}$$

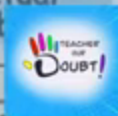
Actual value ☐ 37 ✗  
 Estimated value ☒ 40 ✓

2.23

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

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Actual value

Estimated value

$$\begin{array}{r}
 32 \\
 + 14 \\
 \hline
 46
 \end{array}
 \approx
 \begin{array}{r}
 30 \\
 + 10 \\
 \hline
 40
 \end{array}$$

Actual value

☒ 46 ✓

Estimated value

☐ 40 ✗

Actual value

Estimated value

$$\begin{array}{r}
 21 \\
 + 16 \\
 \hline
 37
 \end{array}
 \approx
 \begin{array}{r}
 20 \\
 + 20 \\
 \hline
 40
 \end{array}$$

Actual value

☐ 37

Estimated value

☒ 40 ✓

2.23

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

Actual value

Estimated value

Actual value

Estimated value



2.22

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

Actual value

$$\begin{array}{r} 32 \\ + 14 \\ \hline \end{array}$$

46

Estimated value

$$\begin{array}{r} \approx 30 \\ \approx + 10 \\ \hline \end{array}$$

40

Actual value

46 ✓

Estimated value

40 ✗

Actual value

$$\begin{array}{r} 21 \\ + 16 \\ \hline \end{array}$$

37

Estimated value

$$\begin{array}{r} \approx 20 \\ \approx + 20 \\ \hline \end{array}$$

40

Actual value

37

Estimated value

40 ✓

2.23

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

Estimated value  X

Estimated value



2.23 Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

Actual value

Estimated value

$$\begin{array}{r} 56 \\ + 23 \\ \hline 79 \end{array}$$

$$\begin{array}{r} 60 \\ + 20 \\ \hline 80 \end{array}$$

Actual value   
Estimated value  ✓

Actual value

Estimated value

$$\begin{array}{r} 82 \\ + 19 \\ \hline 101 \end{array}$$

$$\begin{array}{r} 80 \\ + 20 \\ \hline 100 \end{array}$$

Actual value  ✓  
Estimated value

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number.

Estimated value



2.23

Estimate the numbers to the nearest tens and find the actual value and the estimated value and tick (✓) the bigger number

Actual value

Estimated value

$$\begin{array}{r} 56 \\ + 23 \\ \hline 79 \end{array} \approx \begin{array}{r} 60 \\ + 20 \\ \hline 80 \end{array}$$

Actual value

79

Estimated value

80 ✓

Actual value

Estimated value

$$\begin{array}{r} 82 \\ + 19 \\ \hline 101 \end{array} \approx \begin{array}{r} 80 \\ + 20 \\ \hline 100 \end{array}$$

Actual value

101 ✓

Estimated value

100

2.24

Estimate the numbers to the nearest tens and find the difference between the actual value and the estimated value

Actual value  $\boxed{79}$   
Estimated value  $\boxed{80}$  ✓

Estimated value  $\boxed{100}$



2.24

Estimate the numbers to the nearest tens and find the difference between the actual value and the estimated value.

Actual value

Estimated value

$$\begin{array}{r} 625 \\ + 262 \\ \hline 887 \end{array}$$

$$\begin{array}{r} \approx 630 \\ + 260 \\ \hline 890 \end{array}$$

Difference =  $\boxed{890 - 887 = 3}$

Actual value

Estimated value

$$\begin{array}{r} 419 \\ + 370 \\ \hline 789 \end{array}$$

$$\begin{array}{r} \approx 420 \\ + 370 \\ \hline 790 \end{array}$$

Difference =  $\boxed{790 - 789 = 1}$



2.25 Find the difference between the estimated value and the actual

- 1) There were 279 men and 215 women in a village. Round the number to the nearest 10. Find the sum of the actual value and of the estimated value and also find the difference between the two.

	Actual value		Estimated value
Men	= 279	=	280
Women	= + 215	= +	220
Sum	= <u>494</u>		<u>500</u>

$$\text{Difference} = 500 - 494 = 6$$

- 2) Subtract the largest two-digit number from the largest three-digit number and estimate it to the nearest hundreds. Find the difference of the estimated value and of the actual value.

2.25 Find the difference between the estimated value and the actual value.



- 1) There were 279 men and 215 women in a village. Round the numbers to the nearest 10. Find the sum of the actual value and of the estimated value and also find the difference between the two.

	Actual value		Estimated value
Men	= 279		280
Women	= + 215		+ 220
Sum	= <u>494</u>		<u>500</u>

$$\text{Difference} = 500 - 494 = 6$$

- 2) Subtract the largest two-digit number from the largest three-digit number and estimate it to the nearest hundreds. Find the difference of the estimated value and of the actual value.

Actual value

Estimated value

2.25 Find the difference between the estimated value and the actual value



- 1) There were 279 men and 215 women in a village. Round the numbers to the nearest 10. Find the sum of the actual value and of the estimated value and also find the difference between the two.

	Actual value		Estimated value
Men	= 279	=	280
Women	= 215	=	220
Sum	= <u>494</u>		= <u>500</u>

$$\text{Difference} = 500 - 494 = 6$$

- 2) Subtract the largest two-digit number from the largest three-digit number and estimate it to the nearest hundreds. Find the difference of the estimated value and of the actual value.

Actual value	Estimated value
999	1000

- 2) Subtract the largest two-digit number from the largest three-digit number and estimate it to the nearest hundreds. Find the difference of the estimated value and of the actual value.



	Actual value		Estimated value
Largest three-digit number =	999	≈	1000
Largest two-digit number =	99	≈	100
Difference =	<u>100</u>		<u>900</u>

Difference =  $900 - 100 = 800$

- 3) There are 9 boxes, each containing 25 apples. Round the number of apples in each box and the number of boxes to the nearest tens. Then, estimate the total number of apples based on the rounded values. Finally, calculate the difference between the actual value and the estimated value.

	Actual value		Estimated value
	25	≈	30

Largest two-digit number = 99  $\approx$  100  
 Difference = 100  $\approx$  9



Difference =  $900 - 100 = 800$

- 3) There are 9 boxes, each containing 25 apples. Round the number of apples in each box and the number of boxes to the nearest tens. Then, estimate the total number of apples based on the rounded values. Finally, calculate the difference between the actual value and the estimated value.

	Actual value	Estimated value
	$= 25$	$\approx 30$
	$\times 9$	$\approx \times 9$
Number of apples =	<u>225</u>	<u>270</u>
Difference =	$270 - 225 = 45$	

Largest three-digit number =

999

≈

1000

Largest two-digit number =

99

≈

Difference

=

100

9



$$\text{Difference} = 900 - 100 = 800$$

- 3) There are 9 boxes, each containing 25 apples. Round the number of apples in each box and the number of boxes to the nearest tens. Then, estimate the total number of apples based on the rounded values. Finally, calculate the difference between the actual value and the estimated value.

Actual value

Estimated value

= 25

≈ 30

≈ × 9

≈ × 9

Number of apples =

225

270

$$\text{Difference} = 270 - 225 = 45$$



1  $155 - 20 = \square$

a) 175

b) 145

☒ c) 135

d) 125

2  $12 \times 3 = \square$

a) 63

☒ b) 36

c) 15

d) 35

3  $84 \div 4 = \square$

☒ a) 21

b) 12

c) 20

d) 22

4 Choose the number that can be estimated to 50.

a) 25

☒ b) 45

c) 55

d) 100

5 Rosy bought 429 roses and 499 marigold flowers for her friends.

- a) 25      ✓ b) 45      c) 55      d) 100
- 5 Rosy bought 429 roses and 499 marigold flowers for her birthday. On estimating the numbers to the nearest 10 and adding, we get \_\_\_\_\_

a) 928      b) 900      ✓ c) 930      d) 1000

- 6 If 154 students stand in 7 rows in a ground with equal number of students in each row, how many students stand in a row?

a) 21      ✓ b) 22      c) 12      d) 20

- 7 A shopkeeper had 204 eggs. He wanted to arrange 12 eggs in a plate. Choose a question for this fact.

a) How many eggs are needed ?  
b) How many good eggs are needed ?  
✓ c) How many plates are needed ?  
d) How many eggs are there in all ?



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a) 25

☒ b) 45

c) 55

d) 100



5 Rosy bought 429 roses and 499 marigold flowers for her mother's birthday. On estimating the numbers to the nearest 10 and adding, we get\_\_\_\_\_

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b) 900

☒ c) 930

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b) How many good eggs are needed ?

☒ c) How many plates are needed ?

d) How many eggs are there in all ?



8 On estimating 3275, to the nearest tens, hundreds we

☒ a) 3280, 3300

b) 3270, 3200

c) 3300, 3280

d) 3270, 3300

9 Multiply the biggest two-digit number with the biggest one-digit number after estimating them to the nearest hundreds we get

\_\_\_\_\_

a) 900

☒ b) 1000

c) 890

d) 800

10 On estimating the largest three digit number and 425 to the nearest hundreds and then subtracting them we get, \_\_\_\_\_.



- c) 3300, 3280      d) 3270, 3300
- 9 Multiply the biggest two-digit number with the biggest number after estimating them to the nearest hundreds we get \_\_\_\_\_

a) 900

☒ b) 1000

c) 890

d) 800

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- 10 On estimating the largest three digit number and 425 to the nearest hundreds and then subtracting them we get, \_\_\_\_\_.

a) 500

b) 900

c) 400

☒ d) 600

## Answer Sheet

1. (a) (b) (c) (d)	6. (a) (b) (c) (d)
2. (a) (b) (c) (d)	7. (a) (b) (c) (d)
3. (a) (b) (c) (d)	8. (a) (b) (c) (d)
4. (a) (b) (c) (d)	9. (a) (b) (c) (d)
5. (a) (b) (c) (d)	10. (a) (b) (c) (d)

## Answer Sheet

1. (a) (b) (c) (d)	6. (a) (b) (c) (d)
2. (a) (b) (c) (d)	7. (a) (b) (c) (d)
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4. (a) (b) (c) (d)	9. (a) (b) (c) (d)
5. (a) (b) (c) (d)	10. (a) (b) (c) (d)

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