Help me!

Uncle, I want to buy pencils for 18 rupees. I have just 10-rupee notes and 1-rupee coins. How many notes and coins should I give you?

18 rupees means 1 note of 10 rupees and 8 one-rupee coins.

How many notes and coins do I need to give 35 rupees?

You give me three 10-rupee notes and 5 coins of one rupee.

OK, Uncle if...

None! Thank you Uncle, for helping me with my homework.

Hey! Just tell me, how many pencils do you want?
Can you do this without Uncle's help? Draw the 10-rupee notes and 1-rupee coins you will give for these things.

Rs 20

Rs 32

Rs 55

How much money do the notes and coins make?

= Rs 30

= Rs ______

= Rs ______

= Rs ______

= Rs ______

Do similar exercises in the class with the help of play money.
Practice Time

I will say a number. Guess the break-up.

OK, you say it, I will do it.

20 + 5

You try writing the break-up for these.

Ask students if they also know counting in some other language. Discuss if the number names in that language also suggest the break-up.

Now you write these and also say them aloud.

27 = ___ + 7
31 = 30 + ___
54 = ___ + ___
___ = 90 + 9
63 = ___ + ___
36 = ___ + ___
___ = 80 + 2

See, for 64 and 25 the number names tell us the break-up. But uhm--- twelve is different. So are eleven and nineteen.

What about 12? How will you do that?

You try writing the break-up for these.

12 = 10 + 2
19 = ___ + 9
11 = ___ + ___
___ = 10 + 7
Karma and Gesar are playing a bangle game. Karma has thrown the bangle on the dots.

Each big red dot is equal to 10 points. Each small green dot is equal to 1 point.

The dots inside the bangle are

<table>
<thead>
<tr>
<th>Dots</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40 4</td>
</tr>
</tbody>
</table>

So, Karma has got 44 points.

They throw the bangle twice each. Here are their points.

<table>
<thead>
<tr>
<th>Throw</th>
<th>Karma</th>
<th>Gesar</th>
<th>Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>44</td>
<td>13</td>
<td>Karma</td>
</tr>
<tr>
<td>Second</td>
<td>16</td>
<td>32</td>
<td>Gesar</td>
</tr>
</tbody>
</table>
You can play this game with your friend using the board above. Write your points for each throw.

<table>
<thead>
<tr>
<th>Throw</th>
<th>My points</th>
<th>My friend’s points</th>
<th>Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Third</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fourth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fifth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sixth</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Encourage children to mentally compute the score.
Encourage children to mentally compute the score.

I want someone to catch the rats in a basket. For each rat you get one gold coin.

I will do it. What! With a flute?

My reward Sir! I have collected 80 rats.

But, how did you count so many rats?
Simple! I used these cards.

I counted one rat and kept one card in my pocket.

1 for one rat

1 1 for two rats

for how many rats? _______

When I had 10 cards, I changed it with this card in my pocket.

Then came 7 more rats. I then had in my pocket

1 10 for 17 rats.

Which cards will he have in his pocket if he has counted up to

a) 23

b) 47

c) 55

d) 63

e) 72

f) 80

Encourage children to make token cards and use them in different exercises.
The King gave him gold coins.

These are not eighty coins!

Can you guess what happened next?

Now act out the story in class.
We have to clean our school today. We make teams. Each team has 10 students.

Our team will clean the best! Here we go! Rub and Scrub!

The numbers of students in all the classes are:

<table>
<thead>
<tr>
<th>Class</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1</td>
<td>53</td>
</tr>
<tr>
<td>Class 2</td>
<td>42</td>
</tr>
<tr>
<td>Class 3</td>
<td>35</td>
</tr>
<tr>
<td>Class 4</td>
<td>54</td>
</tr>
<tr>
<td>Class 5</td>
<td>26</td>
</tr>
</tbody>
</table>
We have to clean our school today. We make teams. Each team has 10 students. Our team will clean the best! Here we go! Rub and Scrub!

How many teams will there be in each class? How many students will be left? Write here.

<table>
<thead>
<tr>
<th>Class 1</th>
<th>How many teams?</th>
<th>Students left</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How many students are left in all? _____________
How many more teams can be made with all these students left? _____________

Practice Time: Teams of Ten in Your School
Find out the number of children in each class of your school.
Make teams of ten for each class.
How many children are left in each class?