Unit 11: Numbers to 40

Friendly Notes

Counting

These are numbers 21 to 40.
We learn to count and write these numbers in words.

<table>
<thead>
<tr>
<th>Number</th>
<th>Number in Words</th>
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<tbody>
<tr>
<td>21</td>
<td>twenty-one</td>
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<td>22</td>
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<td>29</td>
<td>twenty-nine</td>
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<tr>
<td>30</td>
<td>thirty</td>
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<th>Number</th>
<th>Number in Words</th>
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<tbody>
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<tr>
<td>32</td>
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<tr>
<td>40</td>
<td>forty</td>
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</table>

We write 40 in words without the ‘u’: forty.
To count numbers more than 10, we can make groups of 10 first.

How many butterflies are there?

10, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29.

29 is 20 and 9.

20 + 9 = 29

There are 29 butterflies.
**Tens and Ones**

We can count and write numbers in tens and ones. It is easy to compare numbers written as tens and ones.

(a) Which is smaller, 24 or 20?

24 = 2 tens 4 ones
20 = 2 tens
20 is smaller.

(b) Circle the smallest number. Underline the greatest number.

15 is 1 ten and 5 ones.
20 is 2 tens.
24 is 2 tens and 4 ones.
37 is 3 tens and 7 ones.
1 ten is the smallest.
15 is the smallest number.
3 tens is the greatest.
37 is the greatest number.

24 is 4 more than 20.
Addition Within 40

(a) 24 + 3 = ?

Step 1: Add the ones first.
Add 4 ones and 3 ones.
4 + 3 = 7

Step 2: Add 20 and 7.
20 + 7 = 27

So, 24 + 3 = 27.

To add bigger numbers, we can make a 10 first.

(b) 27 + 5 = ?

Step 1: Add 27 and 3.
27 + 3 = 30

Step 2: Add 30 and 2.
30 + 2 = 32

So, 27 + 5 = 32.
**Subtraction Within 40**

(a) \(36 - 4 = ?\)

We subtract the ones.

(b) \(36 - 8 = ?\)

We cannot take away 8 ones from 6 ones. So, we take away from the tens.

\[\text{36} - 8 = 28\]
Adding Three Numbers

There are different ways to add three or more numbers.

(a) \( 4 + 5 + 1 = ? \)

Add 4 ones and 5 ones.
\( 4 + 5 = 9 \)

Then we add 9 and 1.
\( 9 + 1 = 10 \)

So, \( 4 + 5 + 1 = 10 \).

OR

\( 4 + 1 = 5 \)
\( 5 + 5 = 10 \)
\( 4 + 5 + 1 = 10 \)

(b) \( 7 + 5 + 8 = ? \)

We can make a 10 first.

Add 5 ones and 5 ones.
\( 5 + 5 = 10 \)

Next we add 2 and 10.
\( 2 + 10 = 12 \)

Then we add 12 and 8.
\( 12 + 8 = 20 \)

So, \( 7 + 5 + 8 = 20 \).