Wednesday 1st July 2020
Place Value

To be able to use place value charts

Success criteria:

✓ I can use concrete, pictorial and abstract representations within place value charts to support my place value knowledge

✓ I can use reasoning to explain my responses when using concrete, pictorial and abstract representations within place value charts to support my place value knowledge

To be able to use place value charts

Talking Time:

What number is represented in the place value chart below?

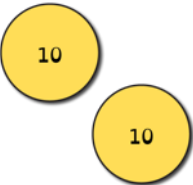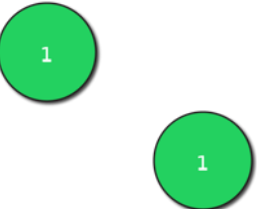| tens	ones

To be able to use place value charts

Talking Time:

What number is represented in the place value chart below?

tens	ones

11

To be able to use place value charts
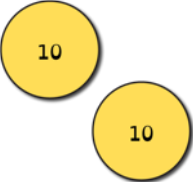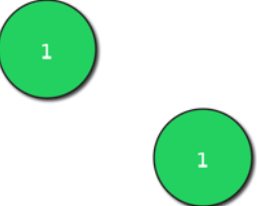
Talking Time:

What number is represented in the place value chart below?

tens	ones
10 10	1 1

To be able to use place value charts

Talking Time:

What number is represented in the place value chart below?

tens	ones
10 10	1 1

22

To be able to use place value charts
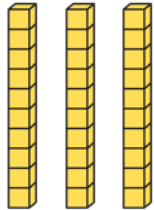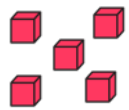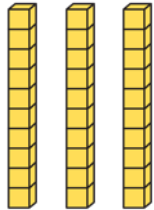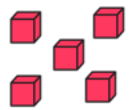
Talking Time:

What number is represented in the place value chart below?

tens	ones

To be able to use place value charts

Talking Time:

What number is represented in the place value chart below?

tens	ones

35

To be able to use place value charts

Activity 1:

What numbers are represented in the place value charts below?

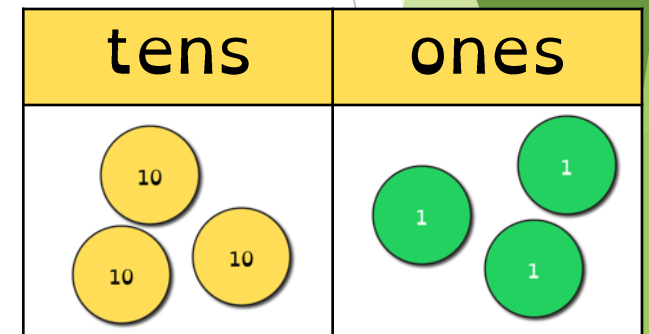| tens	ones

tens	ones

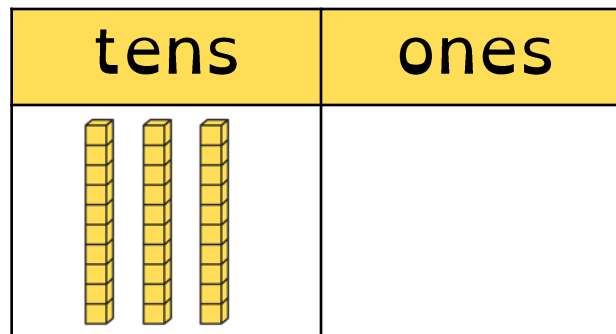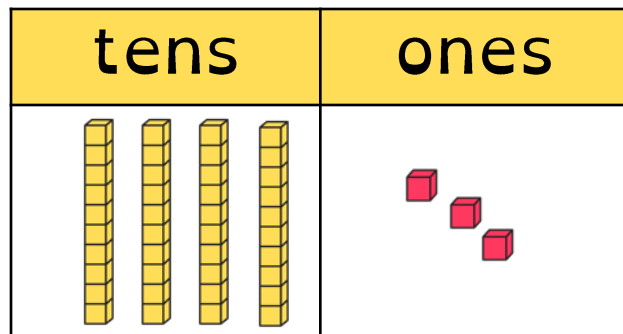| tens	ones

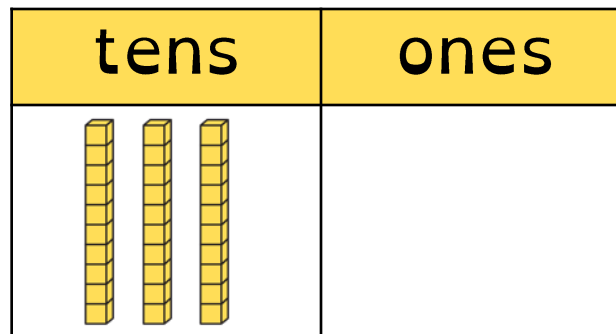# To be able to use place value charts

Activity 1:

What numbers are represented in the place value charts below?

tens	ones

43

tens	ones

30

tens	ones

33

To be able to use place value charts

Talking Time:

Use Base 10 pieces and place value counters to make the number 12.

tens	ones

tens	ones

To be able to use place value charts

Talking Time:

Use Base 10 pieces and place value counters to make the number 12.

tens	ones

tens	ones
10	1 1

To be able to use place value charts

Talking Time:

Use Base 10 pieces and place value counters to make the number 23.

tens	ones

tens	ones

To be able to use place value charts

Talking Time:

Use Base 10 pieces and place value counters to make the number 23.

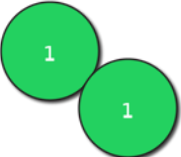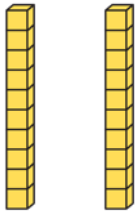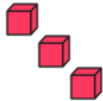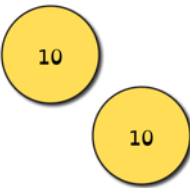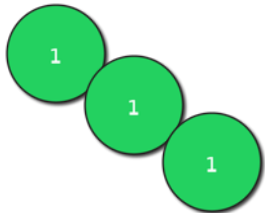| tens	ones

tens	ones

To be able to use place value charts

Activity 2:

Use Base 10 pieces and place value counters to make the number 24.

tens	ones

tens	ones

Use Base 10 pieces and place value counters to make the number 42.

tens	ones

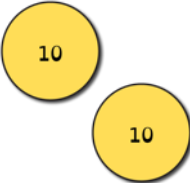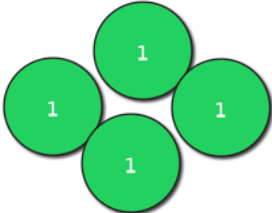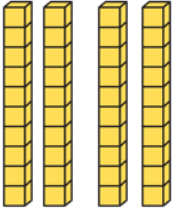| tens	ones

To be able to use place value charts

Activity 2:

Use Base 10 pieces and place value counters to make the number 24.

tens	ones

tens	ones

Use Base 10 pieces and place value counters to make the number 42.

tens	ones

tens	ones

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
Write two number sentences to match the value in the place value chart.

____ + ____ = ____

____ = ____ + ____

tens	ones
2	2

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
Write two number sentences to match the value in the place value chart.

20 + 2 = 22

22 = 20 + 2

tens	ones
2	2

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
Write two number sentences to match the value in the place value chart.

___ + ___ = ___

___ = ___ + ___

tens	ones
3	0

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
Write two number sentences to match the value in the place value chart.

$$30 + 0 = 30$$

$$30 = 30 + 0$$

tens	ones
3	0

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
Write two number sentences to match the value in the place value chart.

____ + ____ = ____

____ = ____ + ____

tens	ones
5	7

To be able to use place value charts

Talking Time:

What number is shown by the place value chart?
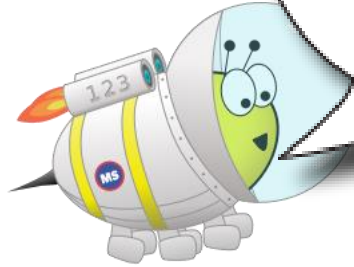Write two number sentences to match the value in the place value chart.
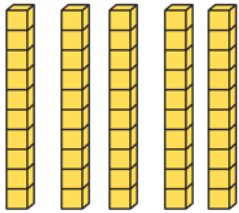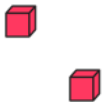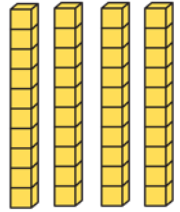
50 + 7 = 57

57 = 50 + 7

tens	ones
5	7

To be able to use place value charts

The two place value charts show the same value.

tens	ones

tens	ones

Do you agree with Astrobee?
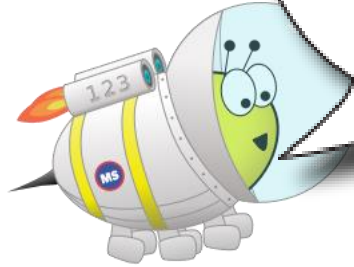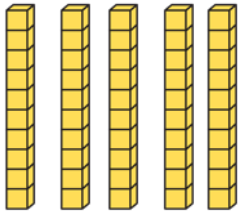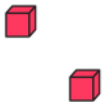
What's the same and what's different about the two place value charts?
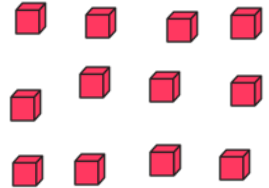
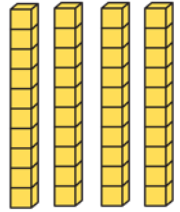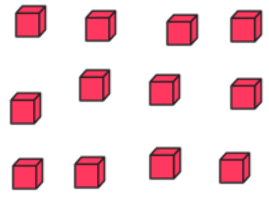# To be able to use place value charts

Evaluation:

The two place value charts show the same value.

tens	ones

tens	ones

Astrobee is correct – both place value charts show 52.

The top chart shows 5 tens + 2 ones, the bottom chart shows 4 tens + 12 ones.

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