

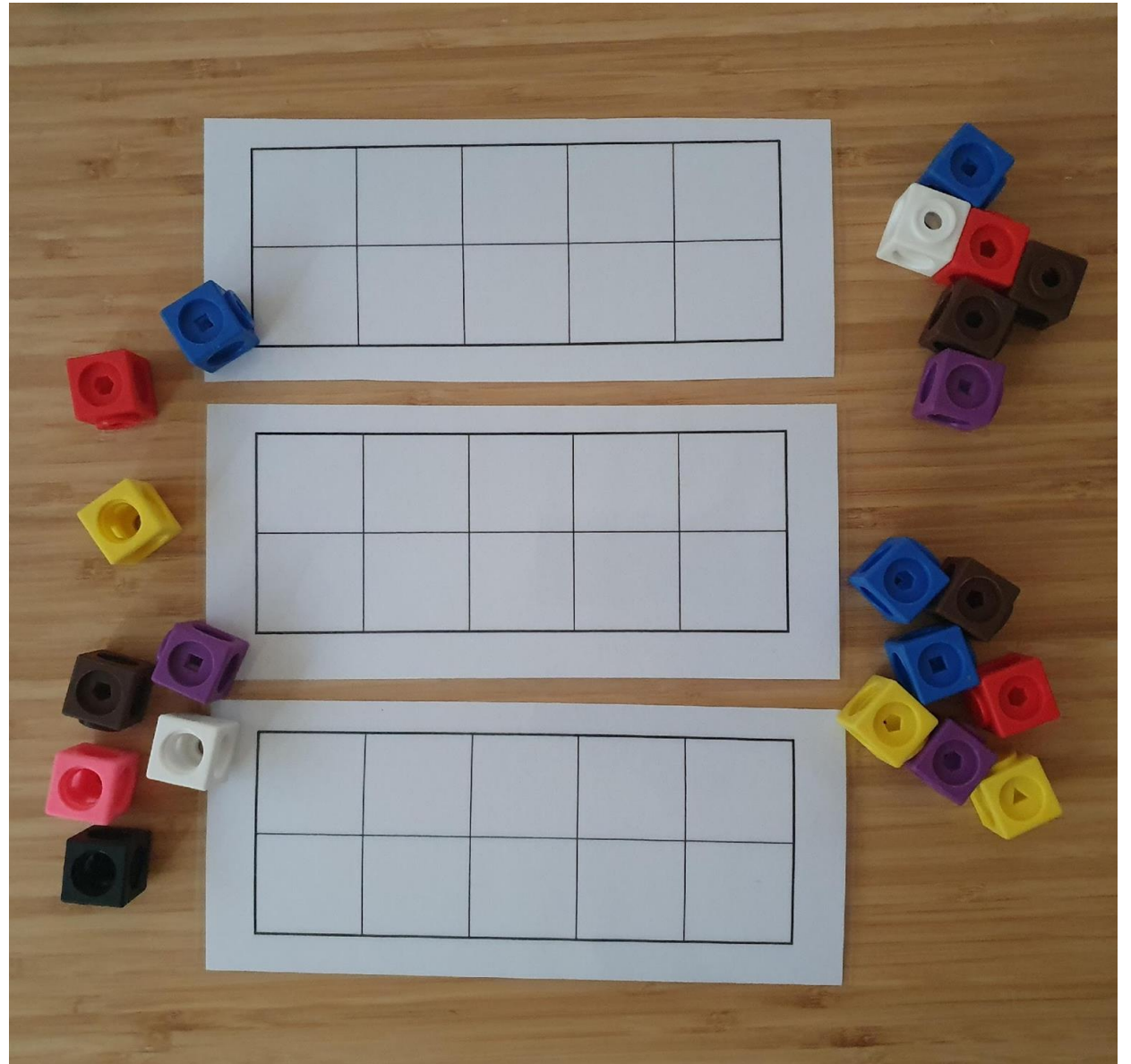


Exploring different representations

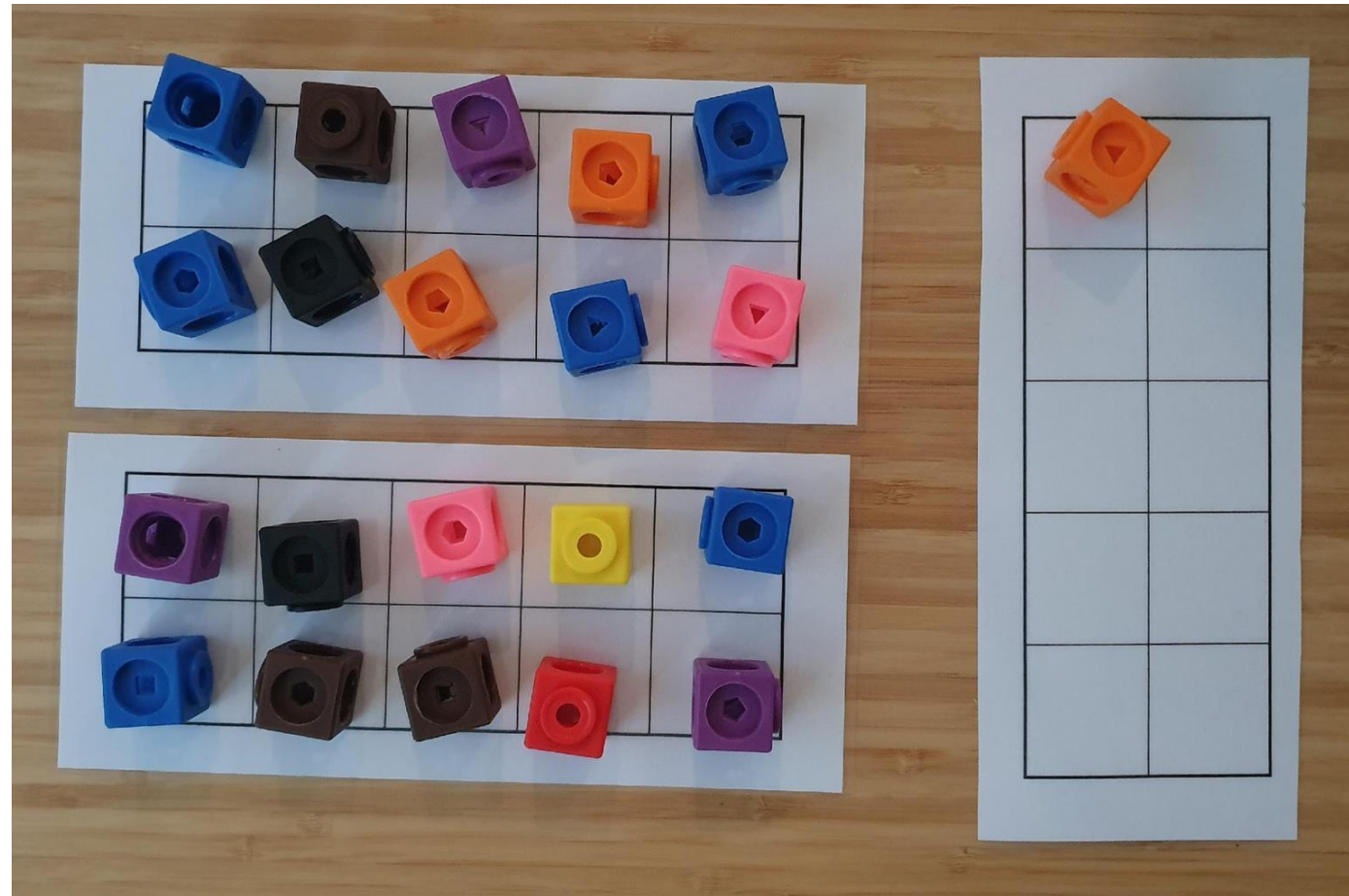
Group discussion

What are these?

**How might they be
used to represent the
number twenty-one?**



What do you notice about how this person has represented twenty-one using ten frames?

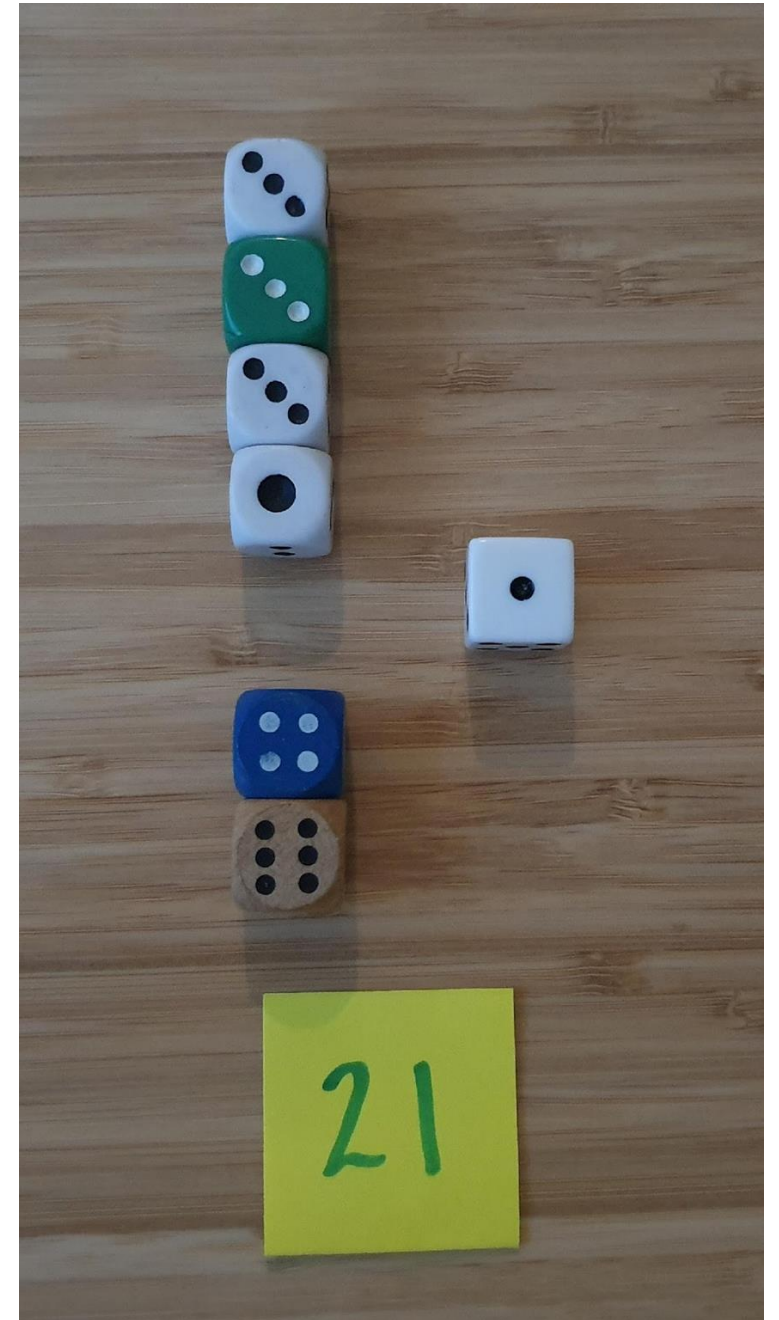


What are these?

How might they be used to represent twenty-one ?



**What do you notice about how
this person has represented the
number twenty-one using dice?**



What are these?

How might they be used to represent twenty-one ?



What do you notice about how
this person has represented
twenty-one using bundling sticks?



What are these?

**How might they be
used to represent the
number twenty-one?**

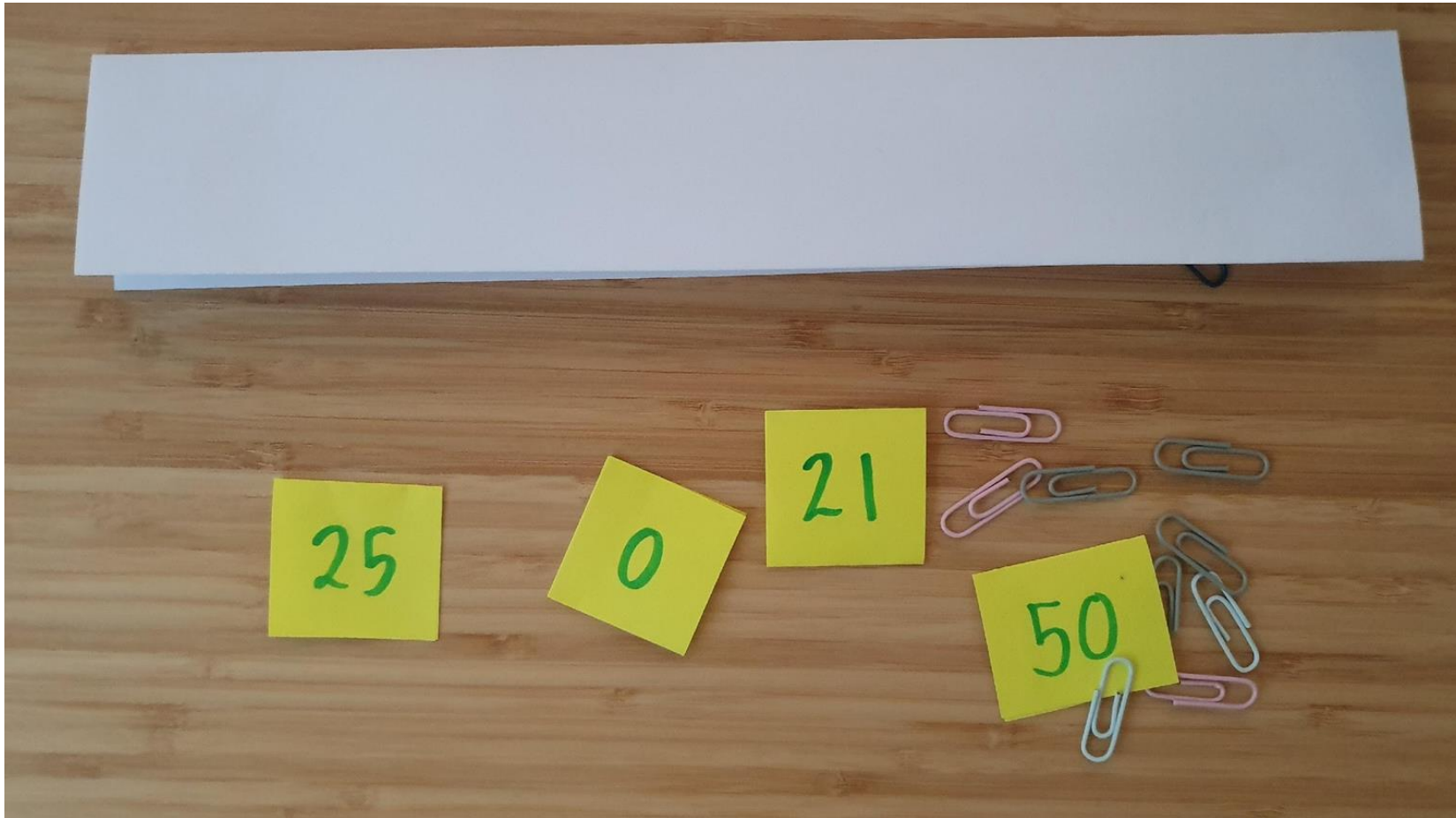


**What do you notice about how
this person has represented
twenty-one using dominoes?**



What are these?

How might they be used to represent twenty-one?



What do you notice about how this person has represented twenty-one using a number line?








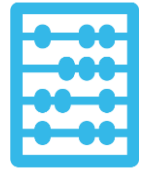
Exploring different representations

Hands-on activity

Different representations

1




Explore  different ways to represent number.
Use them to model your chosen number.  



2

Use the organiser

Representation: Record:	Representation: Record:
Representation: Record:	Representation: Record:

 to record  how you represented your number   each time.

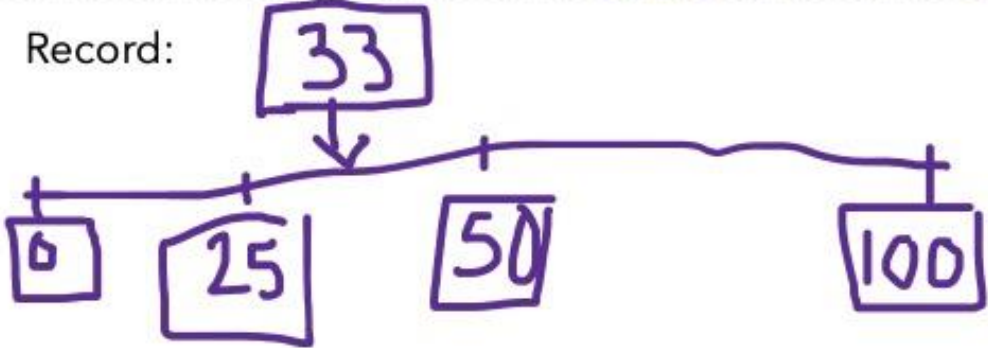
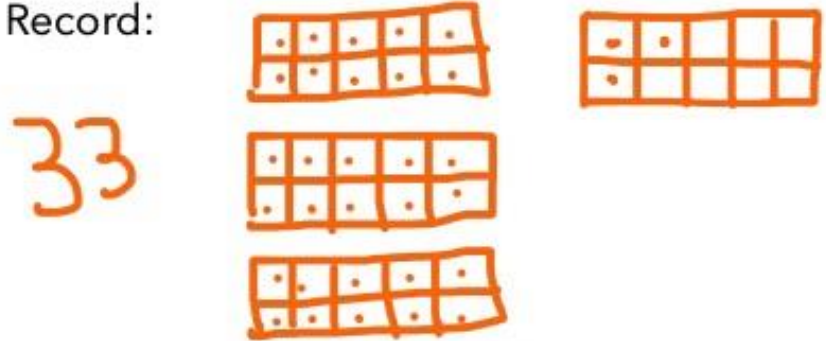


Organiser

What do you notice? What do you wonder?

Representation:	Representation:
Record:	Record:
Representation:	Representation:
Record:	Record:

Completed Example

What do you notice? What do you wonder?

<p>Representation: Number Line</p>	<p>Representation: Ten frames</p>
<p>Record:</p> 	<p>Record:</p>  <p>33</p>
<p>Representation: Bundling Sticks</p>	<p>Representation: Unifix</p>
<p>Record:</p>  <p>33</p> <p>$10 + 10 + 10 + 3$</p>	<p>Record:</p>  <p>33</p> <p>3 tens 3 ones</p>