

G3-M2-Lesson 12

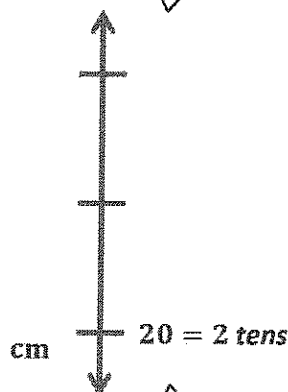
1. Complete the chart.

I measured the width of a picture frame. It was 24 centimeters wide.

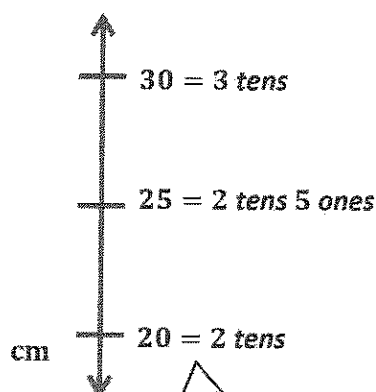
Object	Measurement (in cm)	The object measures between (which two tens)...	Length rounded to the nearest 10 cm
Width of picture frame	24 cm	<u>20</u> and <u>30</u> cm	20 cm

I can use a vertical number line to help me round 24 cm to the nearest 10 cm.

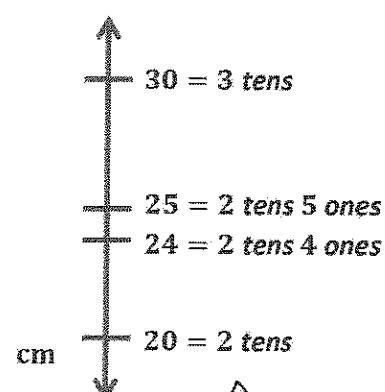
The endpoints on my vertical number line help me know which two tens the width of the picture frame is in between.



There are 2 tens in 24, so I can label this endpoint as 2 tens or 20.

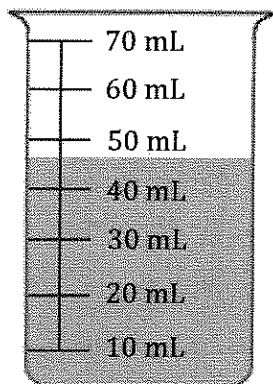


One more ten than 2 tens is 3 tens, so I can label the other endpoint as 3 tens or 30. Halfway between 2 tens and 3 tens is 2 tens 5 ones. I can label the halfway point as 2 tens 5 ones or 25.



I can plot 24 or 2 tens 4 ones on the vertical number line. I can easily see that 24 is less than halfway between 2 tens and 3 tens. That means that 24 cm rounded to the nearest 10 cm is 20 cm.

2. Measure the liquid in the beaker to the nearest 10 milliliters.



I can use the beaker to help me round the amount of liquid to the nearest 10 mL. I can see that the liquid is between 40 (4 tens) and 50 (5 tens). I can also see that the liquid is more than halfway between 4 tens and 5 tens. That means that the amount of liquid rounds up to the next ten milliliters, 50 mL.

There are about 50 milliliters of liquid in the beaker.

The word *about* tells me that this is not the exact amount of liquid in the beaker.