

**True or False? Work on these in pairs**

	T/F
$\frac{1}{3}$ is smaller than $\frac{3}{6}$	
$\frac{3}{4}$ is greater than $\frac{5}{6}$	
0.4 is equal to 40%	
0.5 is the same as $\frac{4}{8}$	
15% of £20 is £1.50	
12% of £10 is more than 10% of £12	
$\frac{2}{3}$ is smaller than 75%	
0.25 of 60 is equal to 50% of 30	
$\frac{2}{8}$ is equal to 0.28	

I have one ruler and three pencils	$r+3p$
Julie has three rulers and one pencil	$3r+p$
My friend bought two glue sticks and a sharpener	$2g+s$
I had four pencils but I gave one to my friend	$4p-p$
I have a protractor and a compass	$p+c$
Three friends each have a sharpener and a glue stick	$3(s+g)$
Ahmed has two fewer pencils than rulers	$p=r-2$
Yasmin has two more rulers than pencils	$r=p+2$

## Constructing Triangles – Sequencing Instructions

- **Observe a demonstration of the task**
- **Number the sentences in the correct order.**
- **Then follow the instructions**

First draw a line of 10 cm.	
To construct a triangle with dimensions of 10cm, 7cm and 8 cm:	
Draw an arc above the line.	
Place the compass point at <b>the other</b> end of the 10 cm line.	
Then set the pencil and compass exactly 7 cm apart.	
Place the compass point at <b>one</b> end of the 10cm line.	
Label each side of the triangle with the correct length in cm.	
Next, set the compass and pencil at 8 cm wide.	
Draw <b>another</b> arc.	
Use a ruler to join <b>each</b> end of the 10 cm line to the point where the two arcs cross.	

<p><b>I am 0.1</b></p> <p>You are 2 tenths greater than 0.1</p>	<p><b>I am 0.3</b></p> <p>You are 9 hundredths greater than 0.3</p>	<p><b>I am 0.39</b></p> <p>You are 1 tenth smaller than 0.39</p>	<p><b>I am 0.29</b></p> <p>You are 3 tenths greater than 0.29</p>
<p><b>I am 0.59</b></p> <p>You are 5 hundredths smaller than 0.59</p>	<p><b>I am 0.54</b></p> <p>You are 4 tenths greater</p>	<p><b>I am 0.94</b></p> <p>You are 4 hundredths smaller than 0.94</p>	<p><b>I am 0.9</b></p> <p>You are 2 tenths greater than 0.9</p>
<p><b>I am 1.1</b></p> <p>You are 15 hundredths greater than 1.1</p>	<p><b>I am 1.25</b></p> <p>You are 3 hundredths smaller than 1.25</p>	<p><b>I am 1.22</b></p> <p>You are 4 tenths greater than 1.22</p>	<p><b>I am 1.62</b></p> <p>You are 1 tenth smaller than 1.62</p>
<p><b>I am 1.52</b></p> <p>You are 8 hundredths greater than 1.52</p>	<p><b>I am 1.60</b></p> <p>You are 8 tenths smaller than 1.6</p>	<p><b>I am 0.80</b></p> <p>You are 7 hundredths greater than 0.8</p>	<p><b>I am 0.87</b></p> <p>You are 4 hundredths smaller than 0.87</p>
<p><b>I am 0.83</b></p> <p>You are 3 tenths smaller than 0.83</p>	<p><b>I am 0.53</b></p> <p>You are 8 hundredths greater than 0.53</p>	<p><b>I am 0.61</b></p> <p>You are 1 tenth smaller than 0.61</p>	<p><b>I am 0.51</b></p> <p>You are 3 tenths smaller than 0.51</p>
<p><b>I am 0.21</b></p> <p>You are 5 hundredths smaller than 0.21</p>	<p><b>I am 0.16</b></p> <p>You are 7 hundredths greater than 0.16</p>	<p><b>I am 0.23</b></p> <p>You are 9 hundredths smaller than 0.23</p>	<p><b>I am 0.14</b></p> <p>You are 4 hundredths smaller than 0.14</p>