10 John and Jake think a dice is biased.

John and Jake think a dice is biased.

They both roll the dice a number of times.

The table below shows the results of their trials. Experimental Problems

	Number of trials	Number of sixes	Relative frequency
John	60	13	13/60=0.22
Jake	150	44	44/50=0.29

- (a) Calculate the relative frequencies, to 2 decimal places, for each boy and complete the table.
- (b) Explain why Jake's relative frequency gives a more reliable estimate of the likelihood of rolling a six.

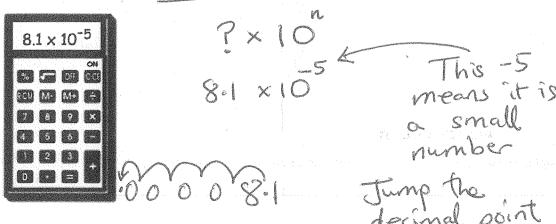
The more times you do the experiment the more reliable estimate

More times is better estimate

Answer\_

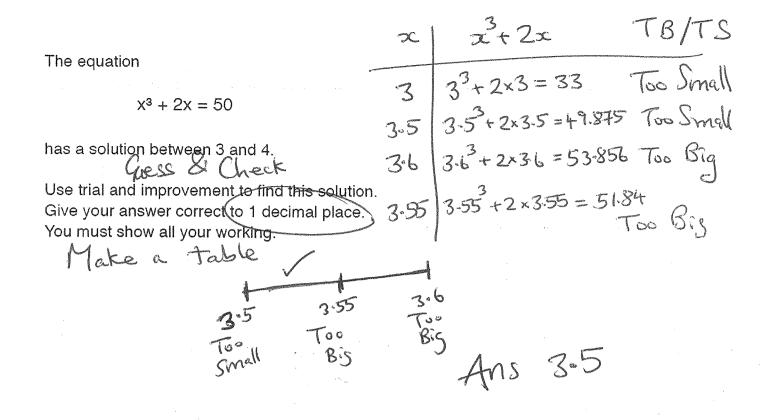
A calculator displays a number in standard form.

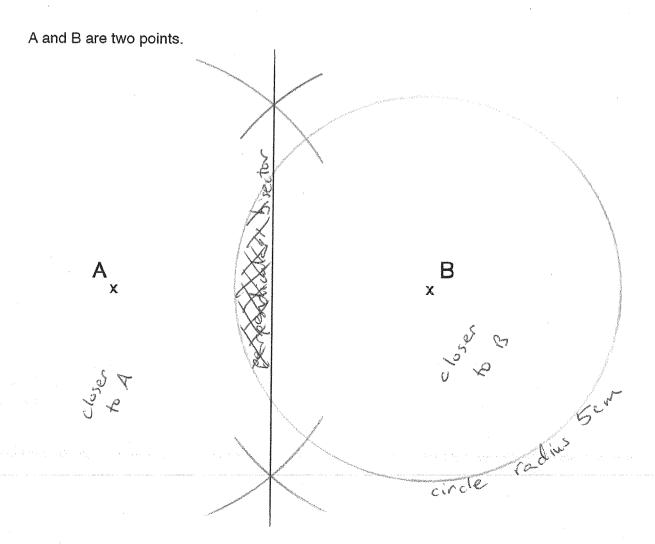




Write the number as an ordinary number.

0.000081





Shade the region which contains those points which are both closer to A than to B, and less than 5cm from B.