

Fill in the Blanks

More Upper and Lower Bounds

x	Level of Accuracy	Lower Bound	Upper Bound	Error Interval
6.4	<i>to 1 decimal place</i>	6.35	6.45	$6.35 \leq x < 6.45$
7	<i>to the nearest integer</i>	6.5	7.5	$6.5 \leq x < 7.5$
7.3	<i>to 1 decimal place</i>	7.25	7.35	$7.25 \leq x < 7.35$
5.19	<i>to 2 decimal places</i>	5.185	5.195	$5.185 \leq x < 5.195$
12.3	<i>to the nearest 0.1</i>	12.25	12.35	$12.25 \leq x < 12.35$
40	<i>to 1 significant figure</i>	35	45	$35 \leq x < 45$
1.5	<i>to 2 significant figures</i>	1.45	1.55	$1.45 \leq x < 1.55$
0.76	<i>to 2 decimal places</i>	0.755	0.765	$0.755 \leq x < 0.765$
10	<i>to 1 significant figure</i>	9.5	15	$9.5 \leq x < 15$
27	<i>to the nearest integer</i>	26.5	27.5	$26.5 \leq x < 27.5$
27.9	<i>to 1 decimal place</i>	27.85	27.95	$27.85 \leq x < 27.95$
654	<i>to 3 significant figures</i>	653.5	654.5	$653.5 \leq x < 654.5$
80	<i>to 1 significant figure</i>	75	85	$75 \leq x < 85$
5.4	<i>to the nearest tenth, 1 decimal place, 2 s.f.</i>	5.35	5.45	$5.35 \leq x < 5.45$
100	<i>to 1 significant figure</i>	95	150	$95 \leq x < 150$