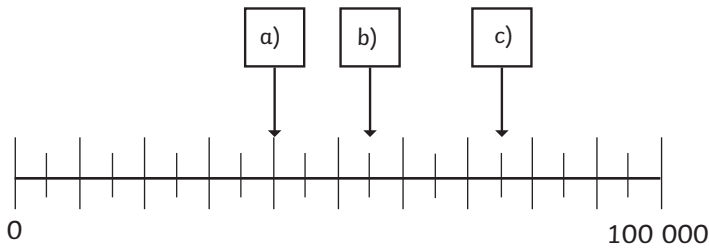




1) a) The difference in value between the start and end point is 10 000. There are 10 intervals. Each interval is worth 1000.

b) The difference in value between the start and end point is 100 000. There are 5 intervals. Each interval is worth 20 000.

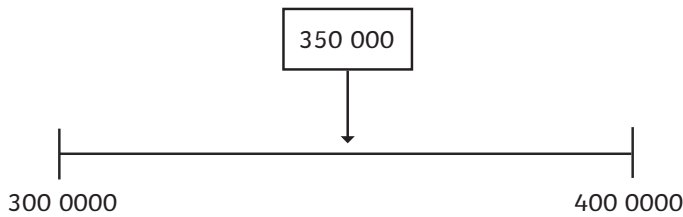
2)



3)

- a) 14 000-16 000
- b) 54 000-56 000
- c) 84 000-86 000
- d) 80 000-110 000
- e) 480 000-520 000
- f) 890 000-920 000

4)



1) Emily is correct as both arrows are pointing to 400 000. (Children may observe that there are the same number of intervals on both number lines but the end points are different. This means that each interval has a different value so the arrow pointing to 400 000 is at a different point on each number line.)

2) Answers should disagree with Amrit as arrow A points to 40 000 and arrow B points to 50 000. Therefore, arrow B (not arrow A) points to the greater number.

3. Zeke is incorrect because there are more than three possible answers.

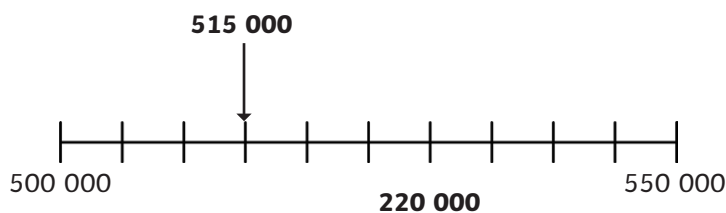
For example:

0 and 1 000 000, 600 000 and 700 000, 450 000 and 550 000, 449 000 and 551 000, 499 000 and 501 000, 499 999 and 500 001

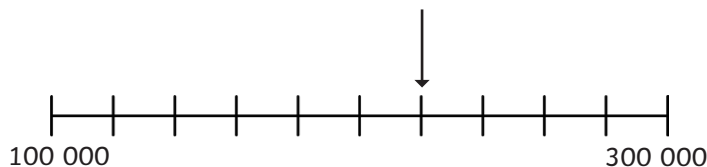


1)

a)



b)



2) Possible numbers are:

610 000, 630 000, 650 000, 670 000, 690 000, 810 000, 830 000, 850 000, 870 000, 890 000.

Accept reasonable estimation of the position of any three of the numbers above on the number line.

