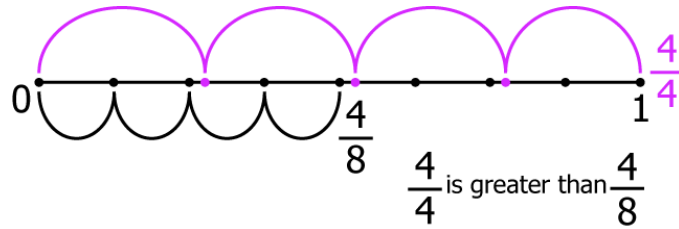
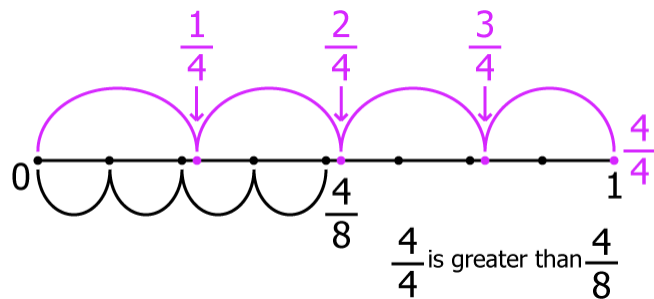


Third grade, Public Elementary School Michigan
Monday, May 21, 1990

1:34:32



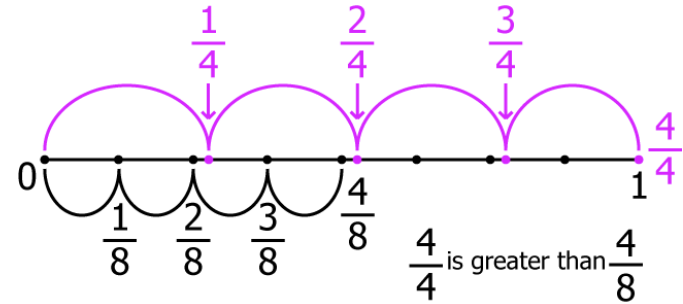
- 1 Betsy: This number line- I think four-fourths is greater than
2 four-eighths because what I did is the pink on the
3 number line resembles- it's what you would do if you
4 were wanting to have four-fourths. The white dots- But
5 the one and the zero should also be pink so they can be
6 pink and white.
- 7 Teacher: Okay.
- 8 Betsy: So then what happens is all these white dots in here
9 (*motions to all the dots between between 0 and 1*), it-
10 you would use to make four-fourths. And then what I
11 did is I took- I was gonna do four-fourths first. So what
12 I did is I knew that the pink dot was here, so that would
13 be where one-fourth was. So one-fourth would be right
14 there. Two-fourths would be right there. Three-fourths
15 would be right there. And four-fourths would be right
16 here.



- 17 So I knew that at one there was four-fourths. And then
18 what I did is I got some white chalk and what I did is I
19 said, well, here's one-fourth- No one-eighth, here's two-

20
21

eighths, here's three-eighths and so then that was four-eighths.



22
23

And if I went on this would be five, six, seven, and eight.

24 Teacher:

Any comments? Oh, sorry.

25 Betsy:

And so what I did is I got the four-eighths and I knew that this dot was four-eighths and this was four-fourths. So I said, well, this is where four-fourths is and this is where four-eighths is, so four-eighths must be a lot less than four-fourths because four-eighths is- this is close to zero and four-fourths is at one.

31 Teacher:

Okay.

32 Betsy:

And one is greater than-

33 Teacher:

That's a pretty complete explanation, Betsy. Can you stand in a position that people can see your whole drawing? No, you can stand over to the side and face the class.

34
35
36

1:37:02