Fractions on a Number Line

Draw the equal spaces first. Then label or compare the fractions.

1. Draw 0 to 1 in four equal spaces. Mark 1/4 and 3/4.



2. Draw 0 to 1 in eight equal spaces. Put 2/4 and 4/8 on it. How far apart are they?



3. Use an eighths line. Which is farther from 0, 5/8 or 3/4? Explain.



4. Draw 0 to 2 with each whole split into four spaces. Mark 7/4. Write it as a mixed number.



5. Without looking at the examples, show where 5/8 is relative to 1/2. How many eighth-sized steps apart are they?



Answer key

Compare the points and the distance between them.

1. 1/4 is at the first inside mark. 3/4 is at the third inside mark.

2. 2/4 and 4/8 land at the same place, halfway between 0 and 1. They are zero spaces apart.

3. 3/4 is farther. It equals 6/8, one space after 5/8.

4. 7/4 is 1 3/4. Four fourths get to 1. Three more fourths get to the third inside mark from 1 to 2.

5. 1/2 equals 4/8. 5/8 is one step of 1/8 to the right.