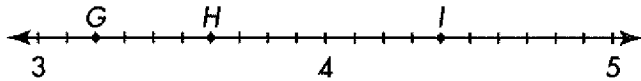
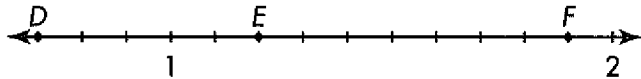
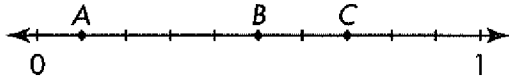


Name _____



What decimal names the location of each lettered point on the number lines? Tell how you decided. *Solve this problem any way you choose.*



Lesson 1-9

Decimals on the Number Line

TEKS 4.2H Determine the corresponding decimal to the tenths or hundredths place of a specified point on a number line. Also, 4.3G.
Mathematical Process Standards 4.1B, 4.1C, 4.1D, 4.1F

Digital Resources at PearsonTexas.com



Solve



Learn



Glossary



Check

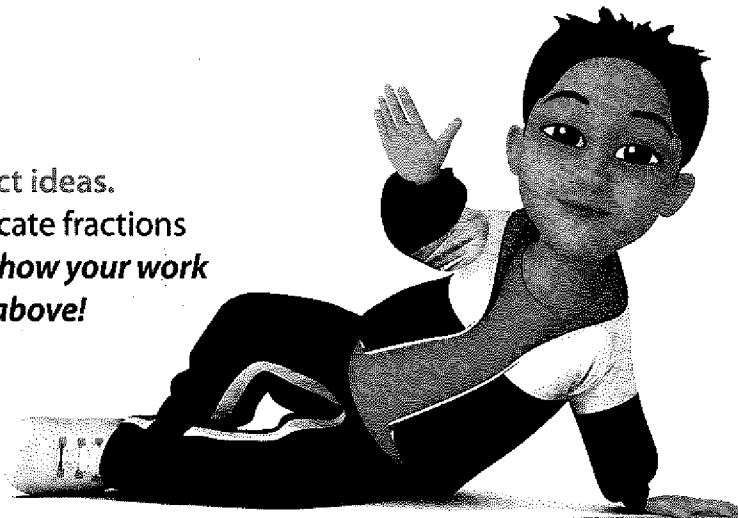


Tools



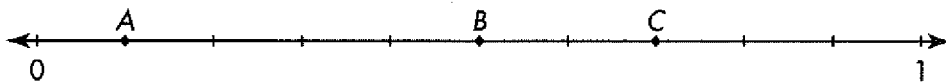
Games

You can connect ideas.
You know how to locate fractions on the number line. *Show your work in the space above!*



Look Back!

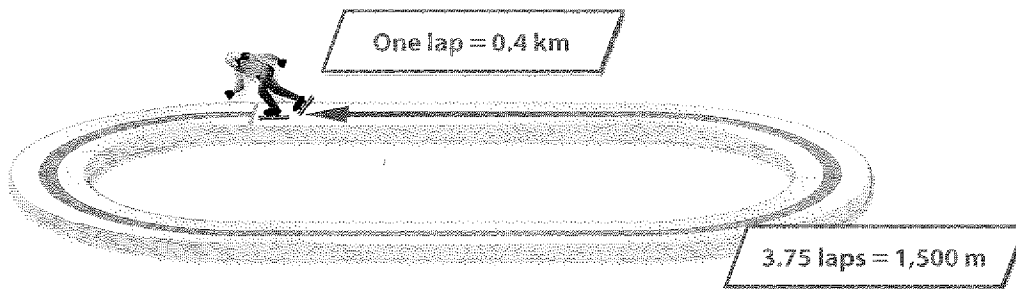
Reason Would the decimal for point *B* above be different if the number line looked like this? Explain.



How Can You Locate Points on a Number Line?

In long-track speed skating, each lap is 0.4 kilometer. For the 1,500-meter race, each skater goes around the track 3.75 times.

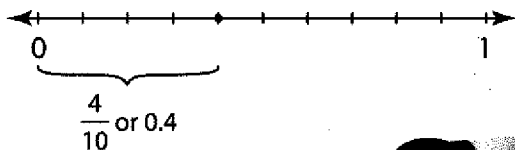
How can you use a number line to show these distances?



b Locate 0.4 on a number line.

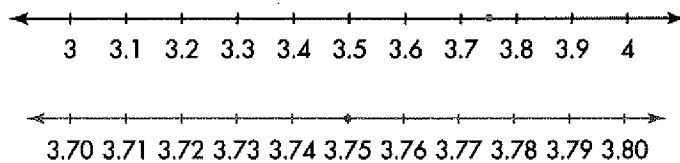
Draw a number line, and divide the distance from 0 to 1 into 10 equal parts to show tenths.

Draw a point at 0.4.

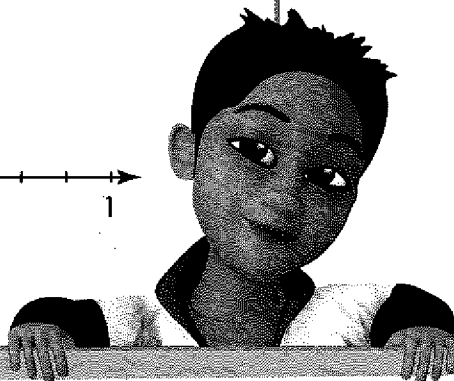


The distance from 0 to 0.4 is four-tenths of the distance from 0 to 1.

c Locate 3.75 on a number line.



You can use a second number line to show the interval between 3.7 and 3.8. The points on both number lines are at 3.75.



Do You Understand?

Convince Me! Which of the decimals shown on the number line cannot be at the correct location? Tell how you know.

