

G3-M5-Lesson 28

1. Shade the models to compare the fractions.

2 fourths



2 eighths



Which is larger, 2 fourths or 2 eighths? Why? Use words to explain.

2 fourths is larger than 2 eighths because the more times you cut the whole, the smaller the pieces get. The number of pieces I shaded is the same, but the sizes of the pieces are different. Eighths are much smaller than fourths.

2. After baseball practice, Steven and Eric each buy a 1-liter bottle of water. Steven drinks 3 sixths of his water. Eric drinks 3 fourths of his water. Who drinks more water? Draw a picture to support your answer.

Steven: 3 sixths



Eric: 3 fourths



Eric drinks more water.

I can see from my picture that 3 fourths is greater than 3 sixths. I shaded the same number of parts, but the wholes are partitioned into different fractional units. Sixths are smaller than fourths.

Steven and Eric each buy a 1-liter bottle of water, so I need to draw my 2 wholes exactly the same size. If the size of the whole changes, I won't be able to accurately compare the 2 fractions.