1. [2 pts] If your white Fraction Tile is worth \( \frac{12}{7} \), what tiles would you use to represent the whole? Explain your thinking in 2-3 verbal sentences.

Saying that the white tile is worth \( \frac{12}{7} \) means that 12 pieces were kept to make it (12 pink is what it takes), and 7 pieces make up the whole. So use 7 pink to represent the whole.

2. [2 pts] The square below represents the fraction \( \frac{2}{5} \). Use this information to draw a diagram representing the fraction \( \frac{3}{4} \). You need not explain, but labelling is helpful.

![Diagram](image)

(The original square is outlined in bold. The dashed line segments separate the whole into fifths; the shaded portion is our answer for \( \frac{3}{4} \).)

3. [1 pt] Explain why it makes sense to have 0 as the numerator of a fraction, as in \( \frac{0}{5} \).

In this fraction, you’re supposed to cut the whole into 5 same-size pieces and keep zero of them. This is certainly possible; you really can decide not to keep any of some collection of objects.