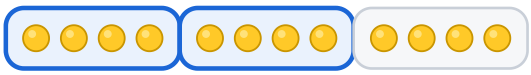
Names (pair) _____ Date _____

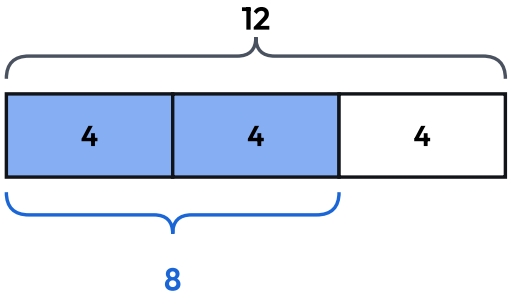
The Bar Model

PART 1 From objects to a bar



Counters in a row, shared into 3 equal parts

→



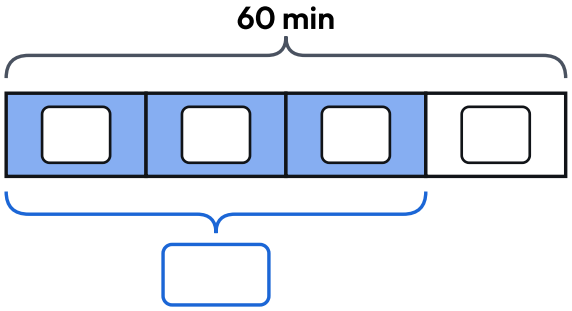
The bar: numbers only

Remember

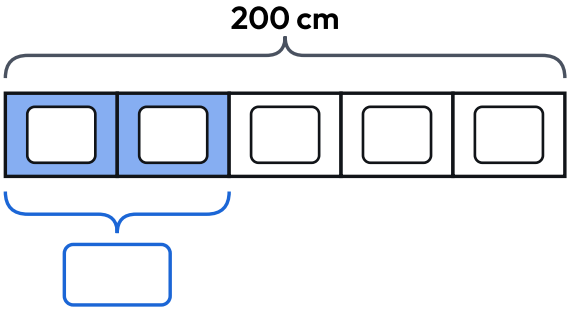
Above the whole bar we write the **whole amount**. We split the bar into as many **equal units** as the denominator says and shade as many as the numerator says.

1 ON YOUR OWN Write the value of each unit and the answer under the shaded part.

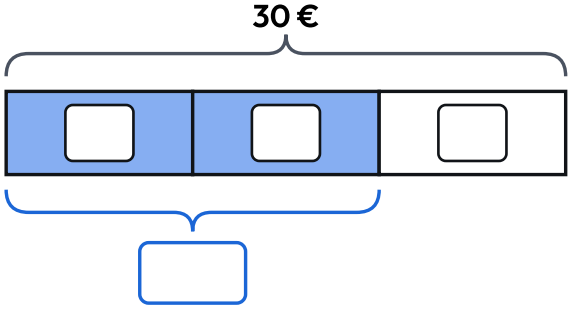
a) $\frac{3}{4}$ of 60 min



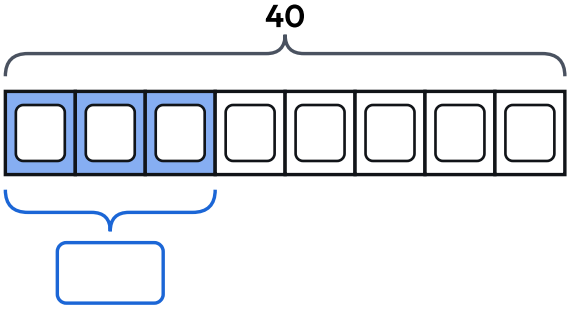
b) $\frac{2}{5}$ of 200 cm



c) $\frac{2}{3}$ of 30 €



d) $\frac{3}{8}$ of 40



Names (pair) _____ Date _____

2 IN PAIRS **One draws, one calculates.** In the app choose **Fraction of a set → Bar** and a unit. The first student sets up the bar, the other writes the calculation. Swap roles in every row.

$\frac{3}{4}$ of 100 € = ☐ = ☐

$\frac{5}{6}$ of 60 min = ☐ = ☐

$\frac{7}{10}$ of 1000 g = ☐ = ☐

$\frac{3}{5}$ of 150 cm = ☐ = ☐

3 ON YOUR OWN Draw a bar and work it out.

$\frac{5}{6}$ of 48 kg

$\frac{3}{10}$ of 100 cm

4 IN A GROUP **Stories.** The group picks a story, draws a bar on a big sheet and solves it. Each member explains one step.

1. Ana has 32 stickers and gives away $\frac{3}{4}$ of them. How many did she give away? ☐
2. The walk to school takes 45 minutes. Luka has walked $\frac{2}{5}$ of the way. How many minutes has he walked? ☐
3. The class has €42. They spent $\frac{5}{6}$ of the money on a trip. How much did they spend? ☐
4. A ribbon is 250 cm long. Mia cut off $\frac{3}{10}$ of it. How many centimetres did she cut off? ☐