

SHARE €50 IN 2:3

- 1 Add the parts of the ratio: $2 + 3 = 5$ parts altogether.
- 2 Divide the total by the number of parts: $€50 \div 5 = €10$ for one part.
- 3 First person gets $2 \times €10 = €20$. Second person gets $3 \times €10 = €30$.

 WARM-UP

Shade the fraction strips to show the shares for each ratio.

--	--	--	--	--	--	--	--

€40 in 3 : 5 → each part = €_____

--	--	--	--	--	--	--	--

€80 in 3 : 5 → each part = €_____

--	--	--	--	--	--

€120 in 1 :
2 : 3 → each part = €_____

1. Shade strips to show €40 shared in 3:5
2. Shade strips to show €80 shared in 3:5
3. Shade strips to show €120 shared in 1:2:3

 PRACTICE

- 1 At the bakery counter two friends split a €72 cake order in the ratio 3:5 . How much does each friend pay?
- 2 Mum and Dad share the €70 grocery bill in the ratio 2:3 . How much does each pay?
- 3 A fruit stall splits €60 of apple sales between two helpers in the ratio 1:5 . How much does each helper get?
- 4 A cafe splits €100 of sandwich takings between two staff in the ratio 2:3 . How much does each receive?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. To share an amount in the ratio 2:3 you first divide the total by 5
- b. In a 1:4 share the larger amount is four times the smaller amount
- c. Sharing €40 in the ratio 3:5 gives equal amounts to each person
- d. The first step when sharing in any ratio is to add the parts