

CONVERT, COMPARE AND DISCOUNT

- 1 Write $7/10$ as 0.70 and 70% .
- 2 Write 0.72 as $72/100$ and 72% .
- 3 Write 68% as 0.68 and $68/100$.
- 4 68 is smallest, 0.72 is biggest.
- 5 20% off $\text{€}35$ is $0.20 \times 35 = \text{€}7$ off.

 WARM-UP

Shade the hundred square to show the amounts.

[illegible]

1. Shade 50 squares for the half-price €50 sale.
2. Shade 25 squares for the quarter off €80 groceries.
3. Shade 20 squares for the 20% off €35 bill.

 PRACTICE

- 1** A €50 food shop has a half-price sale on fruit.
What is $\frac{1}{2}$ of a €50 shopping bill as a decimal and a percentage?

- 2 Compare two offers on a €40 basket.

- 3 Three quarters of the €80 groceries are on sale.
Write $\frac{3}{4}$ as a decimal and percentage for a €80 bill.

- 4 Compare three sale rates on the €100 weekly shop.

? ALWAYS, SOMETIMES, NEVER

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

- a. A fraction written as a decimal stops after a few places.
- b. 0.75 equals $\frac{3}{4}$ and 75%.
- c. $\frac{3}{8}$ is bigger than 40%.
- d. A discount of $\frac{1}{4}$ is the same as a discount of 25%.

REFLECT Where in real life do you meet fractions, decimals or percentages most?