

$$\frac{3}{20} \overset{\times 5}{=} \frac{15}{100} \\ \underset{\times 5}{=} 15\%$$

- Percentage means 'out of 100'.

- We multiply 20 by 5 to get to 100, so we multiply the numerator by 5 to ensure equivalence.

- 15 out of 100 = 15%

Model

change £10 to \$

$$£1 = \$1.50$$

$$\begin{array}{c} \text{x1.5} \\ \text{£1} = \$1.50 \\ \text{-1.5} \end{array}$$

$$\begin{array}{c} \text{x1.5} \\ \text{£10} = \$15 \end{array}$$

check for listening

- ① I am going to show you how to convert ~~from~~ between pounds and dollars. *
- ② The conversion rate is for every £1 you get \$1.50 *
- ③ from £1 to \$1.50 we are multiplying by 1.5 *
- ④ therefore, when we go from dollars to pounds we divide by 1.5 *
- ⑤