Exchange Rate Ratios

Aim: I can use ratios.

When on holiday in other countries, it is helpful to be able to estimate the cost of items for sale in our own currency. We can use a ratio to do this.

Example: £1 ≈ 1.65 Australian dollar.

33p	33p	33p		
33¢	33¢	33¢	33¢	33¢

This bar shows the top row as 99p, and the bottom row as $1.65.

The ratio is 3:5, which means an item costing $5 (Australian dollars) costs about £3.

1. What is the approximate cost of the following items in sterling (British currency)? Fill in the table below.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £					
Australian $	50¢	$1.50	$2.50	$4	$7.50

Here are some sample exchange rates to convert into ratios and then use the ratio to find the cost of items in sterling.

2. £1 = $1.31 (US dollar)
   Ratio: _____

   Complete the table below using the ratio.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £					
US $	40¢	$1.60	$2.40	$5	$9

3. £1 = €1.12 (Euro)
   Ratio: _____

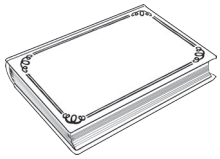
   Complete the table below using the ratio.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £					
Euro €	**40¢**	**€1.50**	**€2.50**	**€5**	**€8**











4. Find some up-to-date exchange rates and find a useful ratio to convert prices.

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Exchange Rate Ratios **Answers**

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Example: £1 ≈ 1.65 Australian dollar.

33p	**33p**	**33p**		
33¢	**33¢**	**33¢**	**33¢**	**33¢**

This bar shows the top row as 99p, and the bottom row as $1.65.

The ratio is 3:5, which means an item costing $5 (Australian dollars) costs about £3.

1. What is the approximate cost of the following items in sterling (British currency)? Fill in the table below.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £	**30p**	**90p**	**£1.50**	**£2.40**	**£4.50**
Australian $	50¢	$1.50	$2.50	$4	$7.50

Here are some sample exchange rates to convert into ratios and then use the ratio to find the cost of items in sterling.

2. £1 = $1.31 (US dollar)
   Ratio: **3:4**

   Complete the table below using the ratio.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £	**30p**	**£1.20**	**£1.80**	**£3.75**	**£6.75**
US $	40¢	$1.60	$2.40	$5	$9

3. £1 = €1.12 (Euro)
   Ratio: **9:10 (Find the answer by subtracting $\frac{1}{10}$ or 10%)**

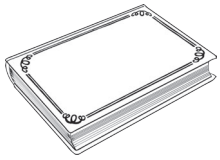
   Complete the table below using the ratio.

Item	Apple	Ice Cream	Magazine	Book	Cinema Ticket
British £	**36p**	**£1.35**	**£2.25**	**£4.50**	**£7.20**
Euro €	40¢	€1.50	€2.50	€5	€8











4. Find some up-to-date exchange rates and find a useful ratio to convert prices.