



## Aunty Amy

Aunty Amy in Australia and is buying the following items from the NZ online store Baby's R US for her new grand child.

### Amy wants to buy

(Prices given include NZ GST)

Car seat	\$539.95	Cot	\$519.95
Changing table	\$319.95	6 piece bedding set	\$239.95
Baby monitor	\$89.99	Cot mobile (All Blacks)	\$99.95
3 hooded towels	\$38.97	bottle starter set	\$41.99

Baby's R US is having an "**Online you choose the discount**" sale.

These are the 8 offers below:

- *25% OFF any one item which costs up to a maximum of \$20*
- *12.5% OFF any one item which costs up to a maximum of \$500*
- *20% off the price any one item which costs up to a maximum of \$50*
- *12.5% OFF any one item which costs up to a maximum of \$500*
- *15% off any one item which costs up to a maximum of \$100*
- *8% off any one item which costs up to a maximum of \$1000*
- *15% of any one item which costs up to a maximum of \$100*
- *10% off the cost of any one item which costs up to a maximum of \$1000*
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- **You may choose as many offers as you want but you may only choose one per item and each offer can only be used once (ie 3 items needs 3 different offers)**
- A New Zealand dollar is worth 0.793 Australian Dollars ( for this assessment)

Aunty Amy has **three** options

1. She can choose to pay for all the items using the online discount choices.
2. She can choose to send the money to her daughter who can then use her loyalty card and receive 1/9 off all the items.

3. Get her sister who works for Baby's R Us in New Zealand to use her staff discount which gives GST off all items.

**Task**

Work out what the best option is for Amy **and** what it will cost her in Australian Dollars.

Justify your answers

Discuss any assumptions you have made.

In the solution of this problem you should:

- Show all relevant workings
- The quality of your discussion and reasoning and how well you link this to the context will determine the overall grade.