A page of money problems

## How much change?

Find how much change would be given in each of the problems below. Use visual representations to show your thinking in each case. **Extension:** Show at least three different ways the change could be given for each problem.

1. Adam has $10 to buy lollies for a games night at his friend’s house. He buys two packets of lollies for $2.20 each and some fun-sized chocolates for $5.
2. Bilal has $20 to buy a movie ticket. The ticket costs $12.50.
3. Cathryn has $20 for pool entry and a bottle of water. Her entry is $6.50 and the bottle of water is $3.60.
4. Daisy has $10 to buy two mangoes at the supermarket. Each mango is $3.80.
5. Elvis has $50 to buy two tickets to Luna Park, valued at $21.90 each.
6. Faith has $10 for a lunch order. She buys a chicken sandwich for $3.50 and a bottle of water for $2.
7. Gavin has $30 to spend on a book. He buys one for $22.50.
8. Hala has $20 to spend on breakfast. She orders eggs on toast for $12 with a side of avocado for $4 extra.
9. Ivan has $20 to buy a gift for a friend. He spends $14 on the present and $2.95 on the card.
10. Jayden has $50 to order a school textbook and it costs $38 plus a $6 delivery fee.

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## Is there enough money?

Determine if there is enough money to cover the costs of the purchases below and, where there is enough, find how much change would be given. Use visual representations to show your thinking in each case. **Extension:** Show at least three different ways the change could be given for those problems that require it.

1. Kellie has $10 to buy chocolate for a Halloween party. All fun-sized chocolates are on sale for $3.50. Can Kellie buy 3 bags?
2. Lionel has $20 to buy drinks for a BBQ. The 2L bottles are on sale for $2.90. Can Lionel buy 7 bottles?
3. Maddie has $20 to buy crackers, cheese and dips for an afternoon tea. Maddie wants to purchase a wheel of brie cheese that is $8, 3 dips for $3.50 each and a box of crackers for $2.50. Does she have enough?
4. Nadine has $10 to buy ice-creams for herself and her siblings after school. The three of them want options that are $3.20, $3.50 and $2.50. Do they have enough?
5. Oliver needs to buy 2 soda stream refills at $19 each and 5 enviro bags at $3 per bag. He has a $50 note or an EFTPOS card. Can he pay cash?