

3. Velvet store sold a bag for \$936. This was 17% more than the price of a similar bag sold in Pastel store. During a sale, both stores offered the same percentage discount on the bags. Mandy bought the bag from Pastel store. She paid \$102 less than the discounted price in Velvet store.
- (a) What is the price of the bag before discount in Pastel store?
(b) What is the percentage discount given during the sale?

4. Basket A contained 70 balls and 100 marbles. Basket B contained 90 balls and 20 marbles. After some balls and marbles were transferred from Basket A to Basket B, 40% of Basket A contained balls and 30% of Basket B contained marbles. How many balls and marbles were transferred from Basket A to Basket B altogether?

5. Charlene had 148 pieces of \$2 and \$5 notes. She spent 60% of her \$5 notes to buy a bag and then her mother gave her another six \$2 notes. As a result, the number of \$2 notes was thrice as many as the number of \$5 notes left. Find the amount of money Charlene had left.
6. Mr Raja bought a computer for \$1512 after a discount of 30%. He also bought a printer at a discounted price of \$255. The total discount for the computer and the printer was \$693.
- (a) What was the price of the computer before the discount?
- (b) What was the percentage discount given for the printer?

7. The bill for a dinner for 4 friends at Sedap Restaurant is shown below. A service charge of 10% was included in the bill before a GST of 7% is added.

Description	Quantity	Cost
Towel - \$0.30	4	\$1.20
Healthy Drinks - \$3.70	4	\$14.80
Bun - \$0.80	10	\$8.00
Abalone - \$60	1	\$60
Steam Sea Bass - \$40	0.8 kg	\$32
Crabs	2	?
Vegetable - \$12	1	\$12
Meat - \$14	1	\$14
Sub total		?
Service Charge 10%		?
GST 7%		?
Total Payable		\$294.25

- (a) How much must each of the 4 friends pay for his dinner if they share the cost equally? Round off your answer to the nearest dollar?
- (b) The price of the crab and some of the information are missing from the bill. What was the price of the 2 crabs without the service charge and the GST?

8. At a fun-raising event, 60% of the people were male and the rest were female. 20% of the female left the event in the afternoon. In the evening, after 33 male and 35 female left the event, 75% of the people at the event were male.
- (a) What percentage of the people left the event in the afternoon?
- (b) How many people were there at the start of the fun raising event?

9. Martin withdrew 33% of his savings from the bank. He spent \$548 on a mobile phone and the remaining \$46 on some phone accessories. After receiving his salary, he deposited 25% of it into the bank. As a result, he had \$3480 in the bank. What was Martin's salary?

10. During the Christmas sale, Mrs Chen bought an oven and a washing machine at a discount. She spent a total of \$1086 for these two items. She spent \$414 less on the oven than on the washing machine.

- (a) How much did she spend on the washing machine?
- (b) The total discount given for the two items was \$644. She was given a 40% discount for the washing machine. What was the percentage discount given for the oven?

11. In March, Siew Leng was given a monthly allowance of \$250. She spent 50% of it on food and transport and 20% of it on books and saved the rest. In April, the monthly allowance increased. Siew Leng was able to increase her spending on books by 30% and spent another 10% more on food and transport compared to the month of March. She saved the same amount of money for both months.

- (a) How much did Siew Ling spend on books in April?
- (b) By what percentage did the monthly allowance increase?