

Solving problem involving linear equation

Fill in the blank with correct number or variable

Q3. Ani have q books. Mira have 6 books more than Mira. Total book that Mira have is 27. What is the value of q?

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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$$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Q4. There are 20 students in a class. r of the students taken out for dental check. The remaining students in the class is 7. What is the value of r?

$$\underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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$$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Q5. Ahmad has p cats and 22 chicken. The total number of cats and chicken owned by Ahmad is 30. What is the value of p?

$$\underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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Q6. 5 years ago, Abu was 4y years old and his mother was 3 times older. His mother's age now is 41. What is the value of y?

$$\begin{aligned} \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} - \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \end{aligned}$$

Q7. Afin eat 2 cake and q chocolate. Each cake cost RM10 and chocolate cost RM4. Afin pay RM 50 for cake and chocolate. Balance given to Afin by the cashier RM 6

$$\begin{aligned} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \end{aligned}$$

Q8. Mona's salary is RM3q a day. in one month she worked for 25 days but her salary is deducted for RM 45 and earned a monthly salary of RM1320 for that month. What is the value of q?

$$\begin{aligned} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \underline{\hspace{1cm}} &= \underline{\hspace{1cm}} \end{aligned}$$

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