

Practice 3 Multiplication by a 2-Digit Number**1** Find the products.

(a) $12 \times 10 =$

(b) $25 \times 10 =$

2 Multiply.

(a) 24×20
 $= 24 \times$ $\times 10$
 $=$ $\times 10$
 $=$

(b) 35×30
 $= 35 \times 10 \times$
 $=$ $\times$
 $=$

3 Multiply.

(a) $68 \times 3 =$
 $68 \times 30 =$

(b) $81 \times 6 =$
 $81 \times 60 =$

(c) $72 \times 9 =$
 $72 \times 90 =$

(d) $53 \times 7 =$
 $53 \times 70 =$

4 Find the products.

(a) $30 \times 40 = ?$
 $3 \times 4 =$
 $3 \times 40 =$
 $30 \times 40 =$

(b) $40 \times 40 = ?$
 $4 \times 4 =$
 $4 \times 40 =$
 $40 \times 40 =$

5 Multiply. Check if each answer is reasonable.

(a) $21 \times 48 =$

Is the answer reasonable?

$$\begin{array}{r} 21 \\ \times 48 \\ \hline \end{array}$$

(b) $37 \times 92 =$

Is the answer reasonable?

$$\begin{array}{r} 37 \\ \times 92 \\ \hline \end{array}$$

6 Multiply. Check if each answer is reasonable.

(a) $56 \times 72 =$

(b) $61 \times 29 =$

(c) $48 \times 83 =$

(d) $76 \times 53 =$

7 Multiply.

(a) $613 \times 30 =$

(b) $892 \times 40 =$

(c) $768 \times 80 =$

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8 Multiply.

(a) $123 \times 13 =$

(b) $22 \times 243 =$

(c) $24 \times 346 =$

(d) $804 \times 75 =$

(e) $46 \times 737 =$

(f) $648 \times 92 =$

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Practice 6A **Word Problems**

- 1 Mark earns \$35 a day.
How much does he earn in 31 days?

- 2 Amiya and Huiling have \$8305 altogether.
Amiya has 4 times as much money as Huiling.
How much money does Huiling have?



Practice 6B **Word Problems**

- 1 Amiya has 365 stamps.
She has 120 more stamps than Janice.
Ravi has 4 times as many stamps as Janice.
How many more stamps does Ravi have than Amiya?

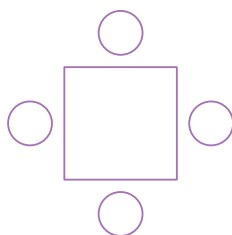


- 6 Janice and Siti packed 146 cookies altogether.
Janice and Vani packed 374 cookies altogether.
Vani packed 3 times as many cookies as Siti.
How many cookies did Janice pack?

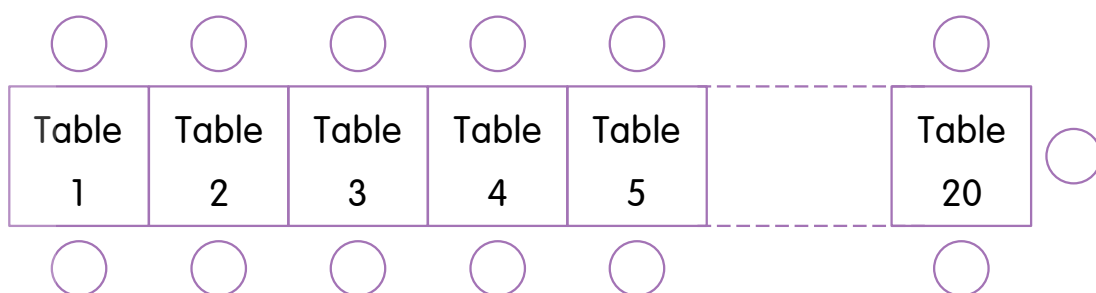


Name: Class: Date: **Problem Solving**

A square table can seat 4 people



Daniel arranges 20 similar tables together side by side in one row.



How many people can sit at the tables altogether?

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A number when divided by 9 gives a quotient of 116 and a remainder of 6.
What is the number?

Jayden's solution to the above problem is shown below:

$$116 + 6 = 122$$

$$122 \times 9 = 1098$$

The number is 1098.

Jayden's solution is incorrect.

Explain the steps that Jayden should take to solve the problem correctly.

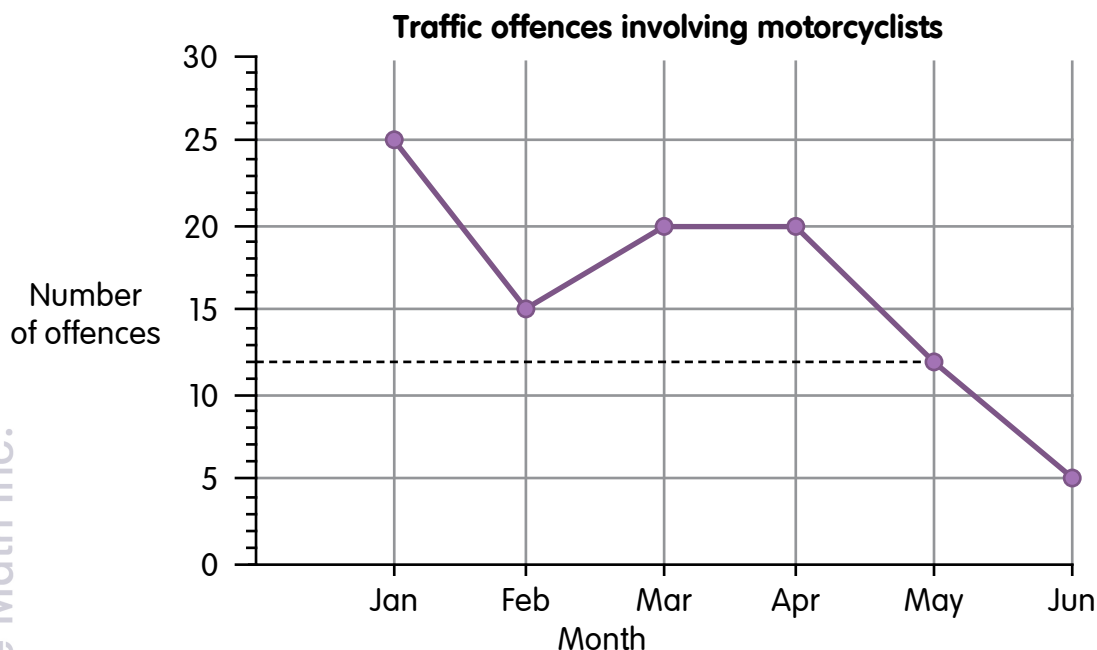
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What can Jayden do to check?

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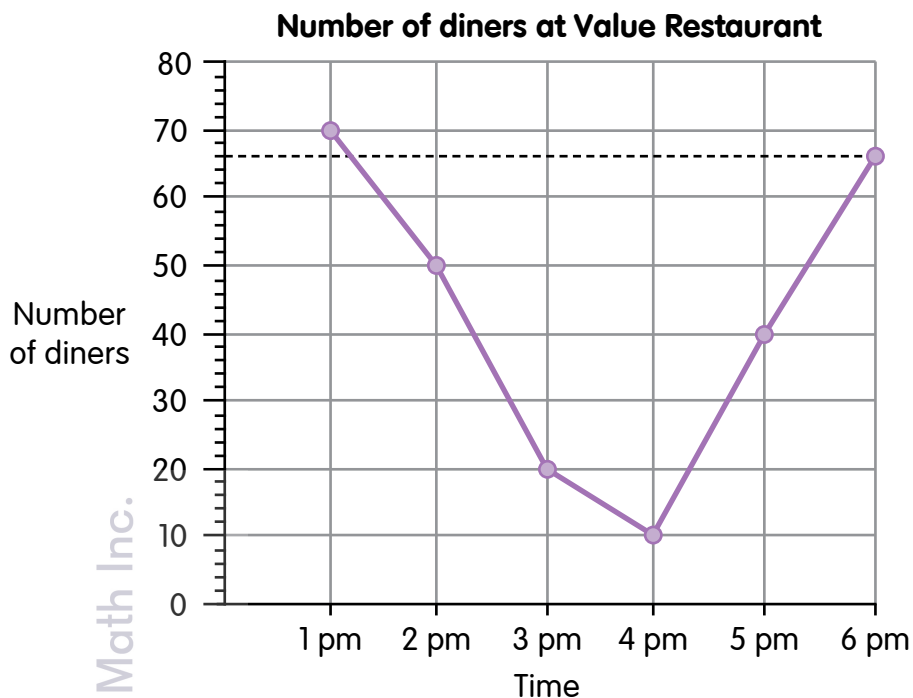
Practice 3 Line Graphs

- 1 The line graph shows the number of traffic offences involving motorcyclists from January to June.



- (a) In which month was the number of offences the highest?
- (b) In which month was the number of offences the lowest?
- (c) In which two months were the number of offences the same?
- (d) Between which two consecutive months was the decrease in the number of offences the greatest? What was the decrease?
- (e) What was the increase in the number of offences from February to March?

- 2 The line graph shows the number of diners at Value Restaurant from 1 pm to 6 pm.



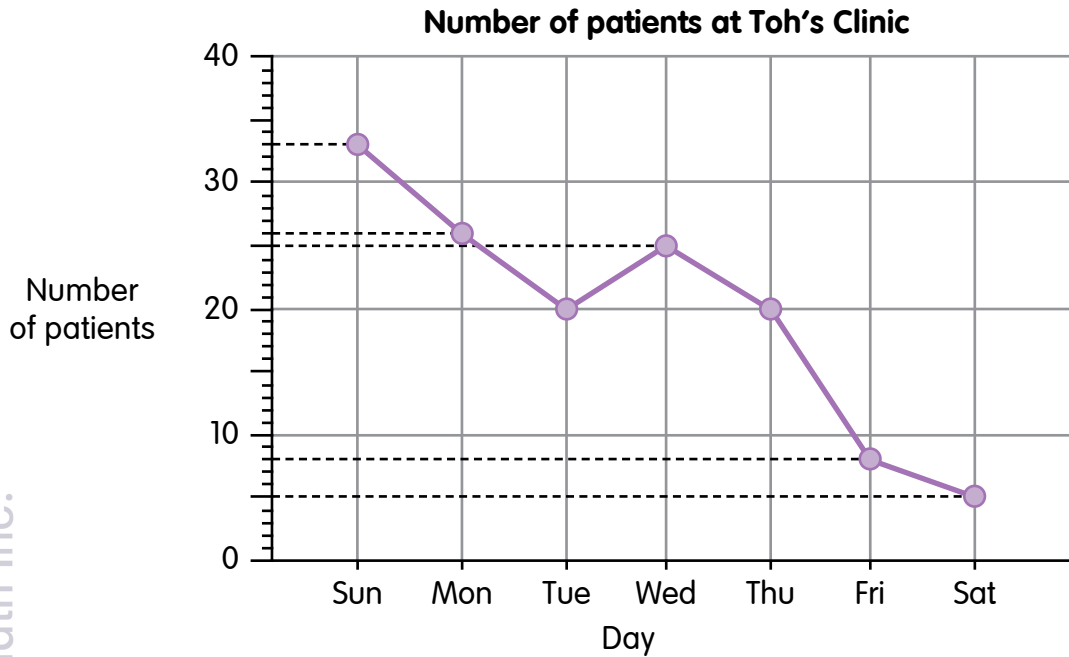
- (a) How many diners were at the restaurant at 6 pm?

- (b) How many more diners were there at 1 pm than 2 pm?

- (c) During which 1-hour period was the increase in the number of diners the greatest?

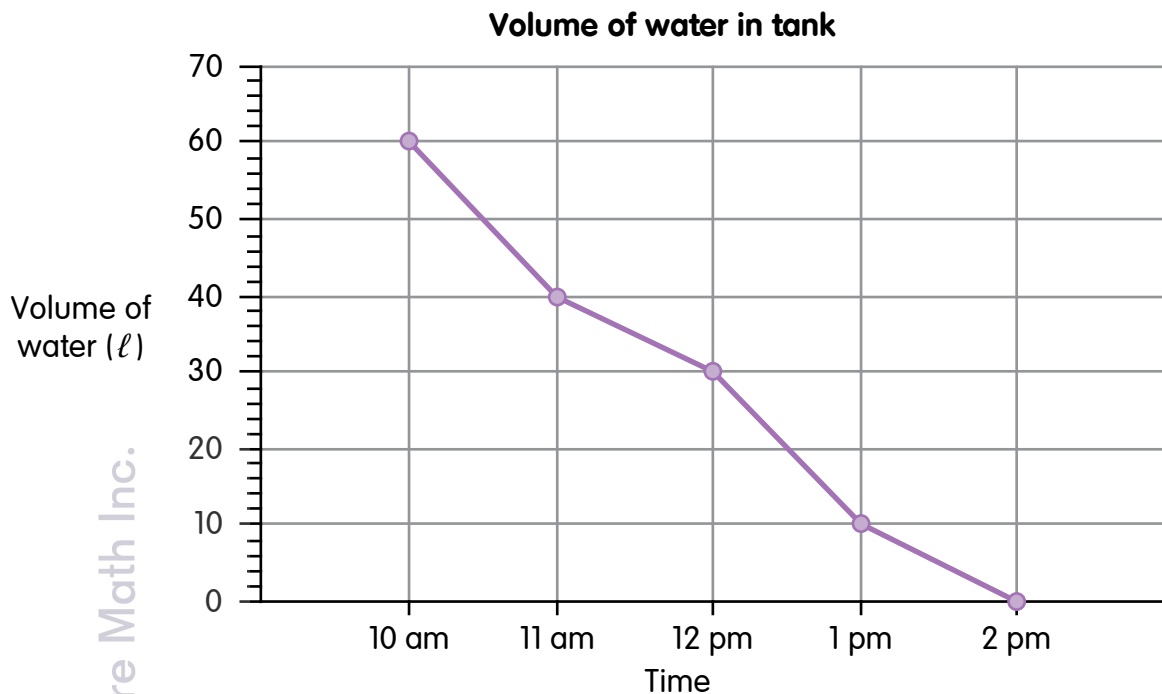
- (d) Why do you think there were many more diners around 1 pm than 4 pm?

- 3 The line graph below shows the number of patients who visited Toh's Clinic in a certain week.



- (a) On which day was the number of patients the highest?
- (b) On which two days were the number of patients the same?
- (c) On which day was there 5 times as many patients as on Saturday?
- (d) How many patients visited Toh's Clinic over the weekend?
- (e) Each patient who visited Toh's Clinic on Friday was charged a consultation fee of \$30.
How much in consultation fees were collected on Friday altogether?

- 4 A tank was completely full of water at 10 am. Water flowed out of the tank from 10 am to 2 pm. The line graph shows the volume of water that flowed out from 10 am to 2 pm.



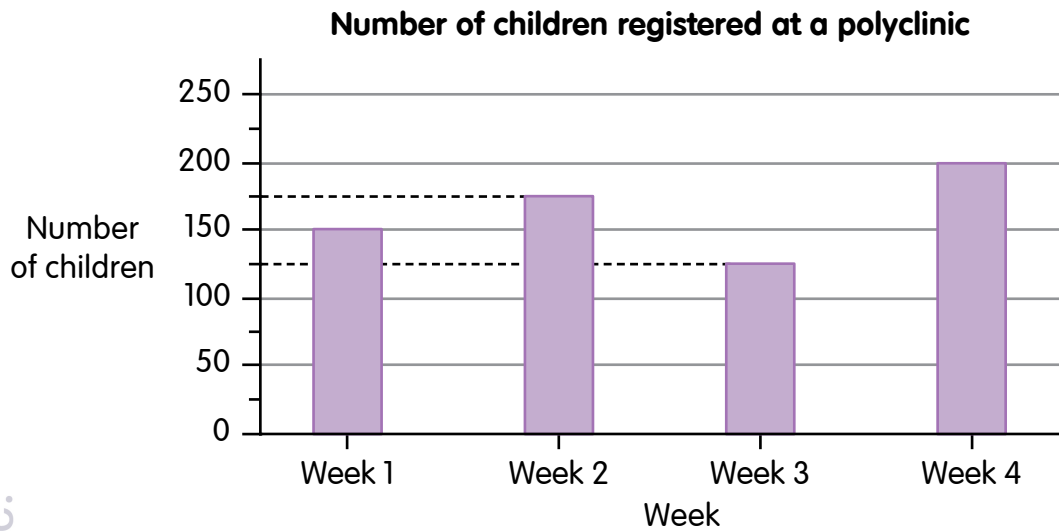
- (a) What was the volume of the tank?

- (b) At what time was the tank empty?

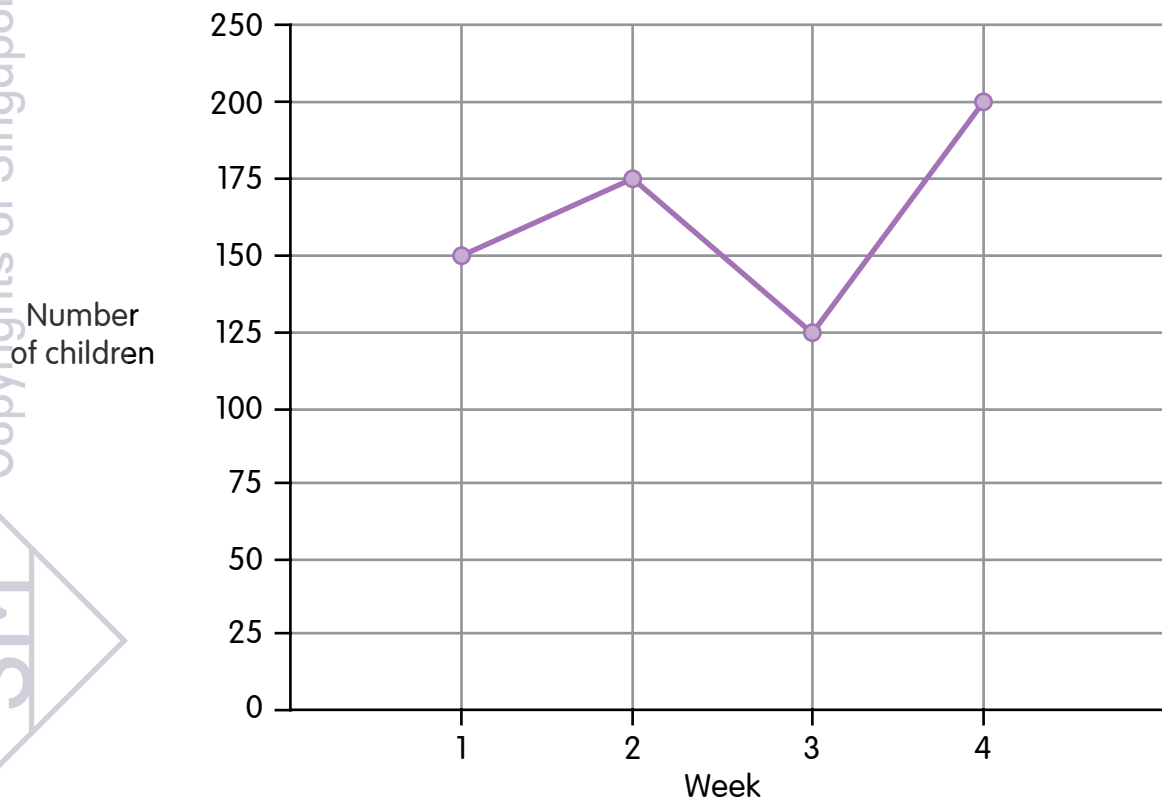
- (c) How much water had flowed out of the tank by 11 am?

- (d) At what time had 50 ℓ of water flowed out of the tank?

- 5 The bar graph shows the number of children registered at a clinic over a period of 4 weeks.

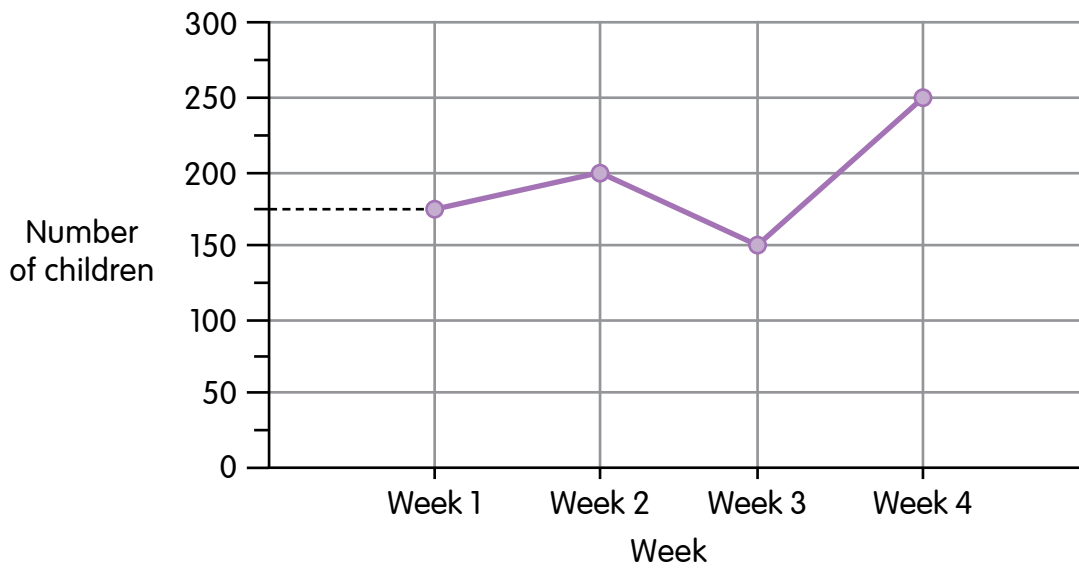


Which of the following line graphs show the data given in the bar graph?
Put a tick (✓) in the box if the graph is correct.

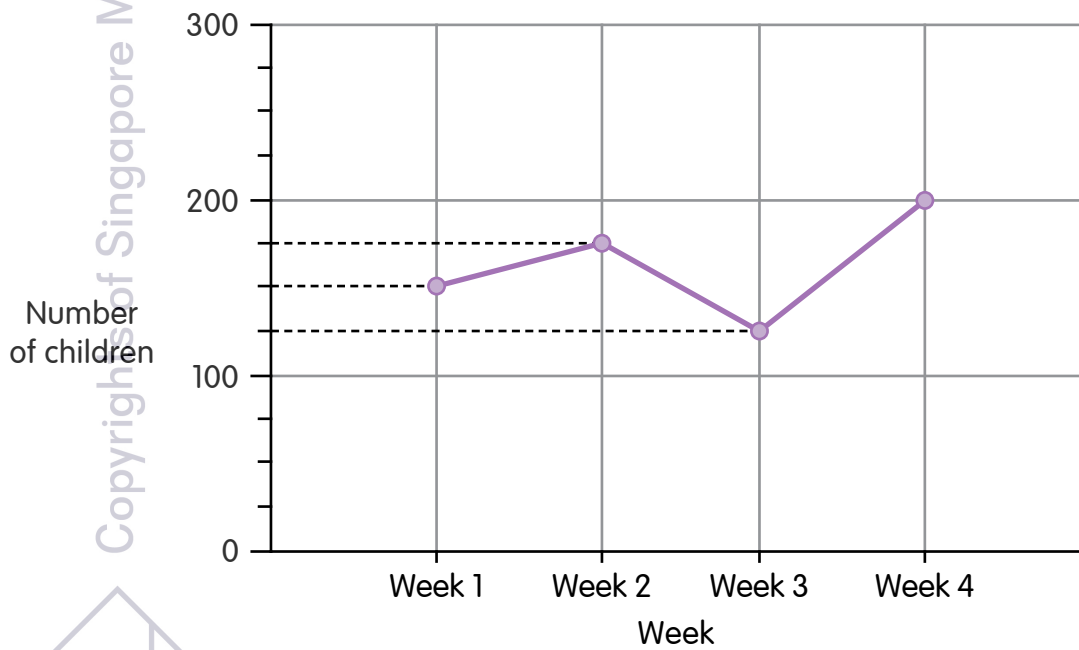


Graph A

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Graph B



Graph C

