Name: _____ Class: _____ Date: _____

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 × 48 = ☐

Is the answer reasonable? ☐

$$\begin{array}{rrr} & 2 & 1 \\ \times & 4 & 8 \\ \hline \end{array}$$

(b) 37 × 92 = ☐

Is the answer reasonable? ☐

$$\begin{array}{rrr} & 3 & 7 \\ \times & 9 & 2 \\ \hline \end{array}$$

6 Multiply. Check if each answer is reasonable.

(a) 56 × 72 = ☐

(b) 61 × 29 = ☐

(c) 48 × 83 = ☐

(d) 76 × 53 = ☐

7 Multiply.

(a) 613 × 30 = ☐

(b) 892 × 40 = ☐

(c) 768 × 80 = ☐

8 Multiply.

(a) 123 × 13 = ☐

(b) 22 × 243 = ☐

(c) 24 × 346 = ☐

(d) 804 × 75 = ☐

(e) 46 × 737 = ☐

(f) 648 × 92 = ☐

Name: Class: Date:

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?

Name: Class: Date:

Practice 6B Word Problems

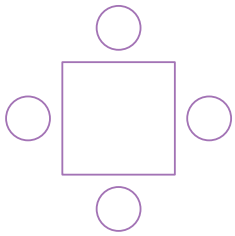
1 Amiya has 365 stamps.
She has 120 more stamps than Janice.
Ravi has 4 times as many stamps as Janice.
How many more stamps does Ravi have than Amiya?

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?

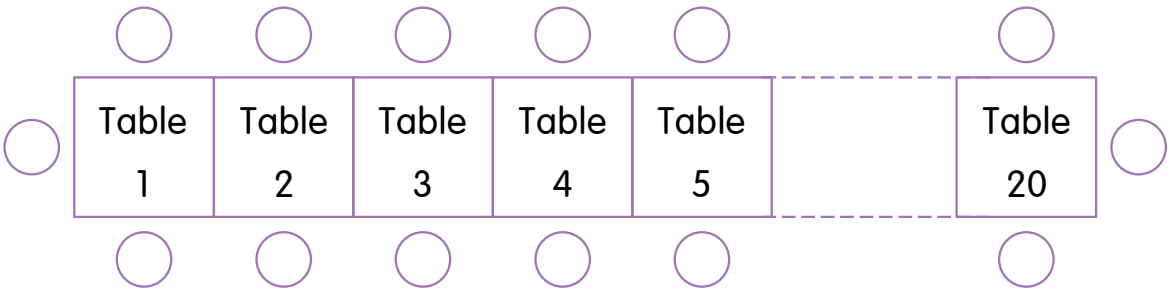
Name: Class: Date:

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?

Maths Journal

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.

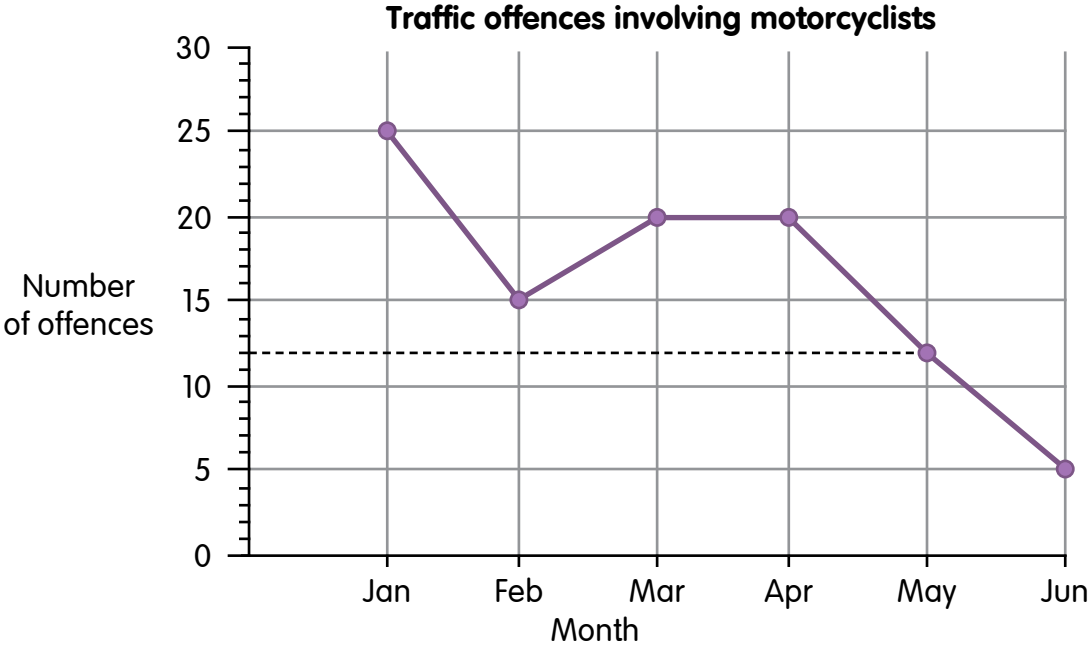
Explain the steps that Jayden should take to solve the problem correctly.

What can Jayden do to check?

Name: Class: Date:

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?

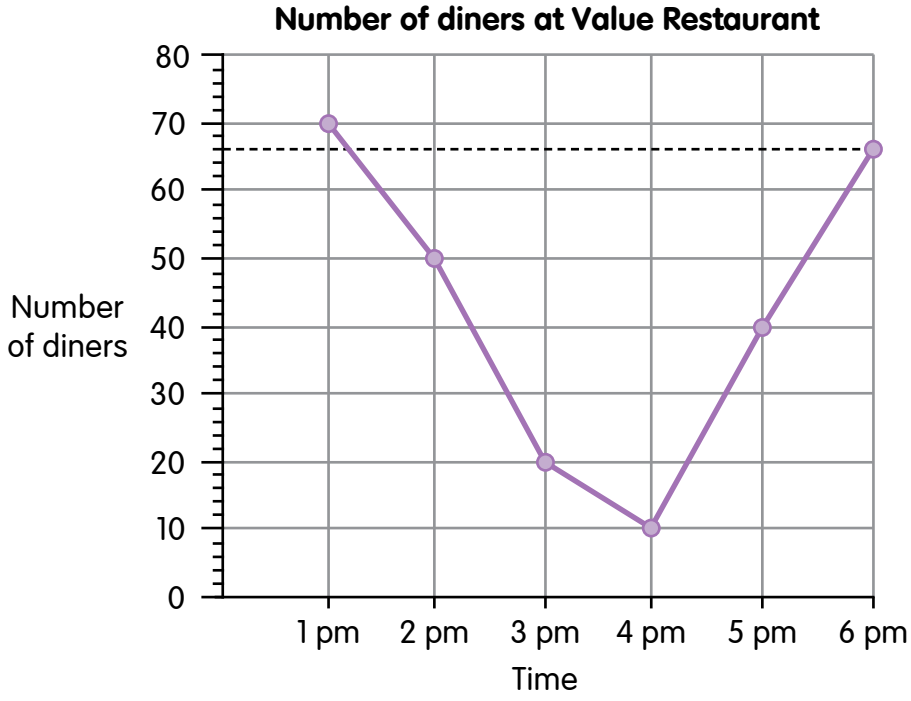
(b) In which month was the number of offences the lowest?

(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.



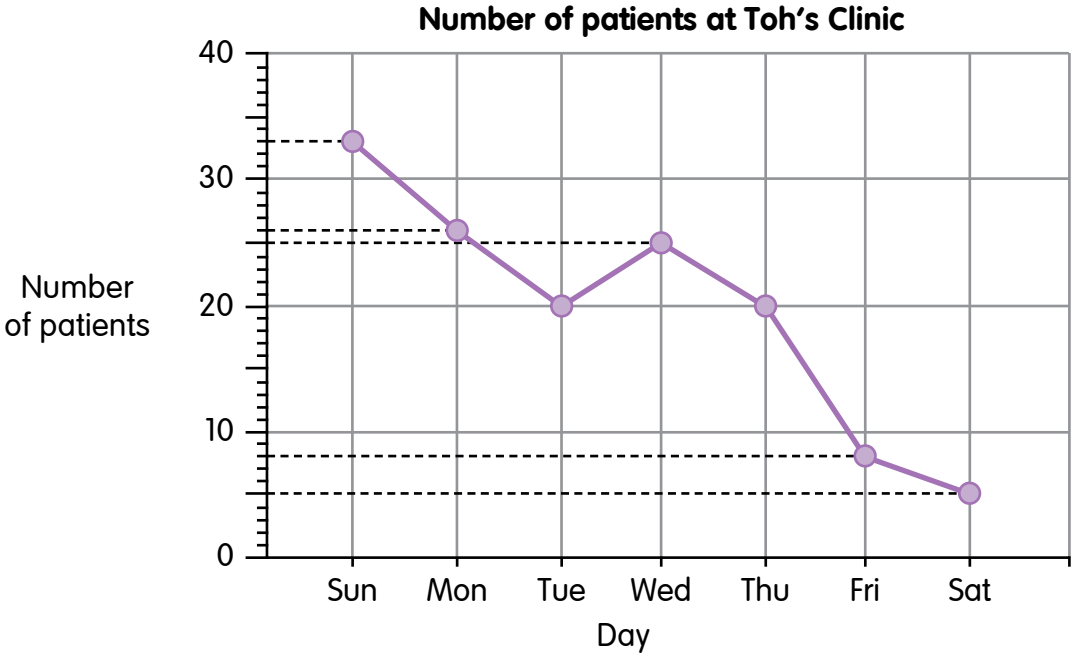
(a) How many diners were at the restaurant at 6 pm?

(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?

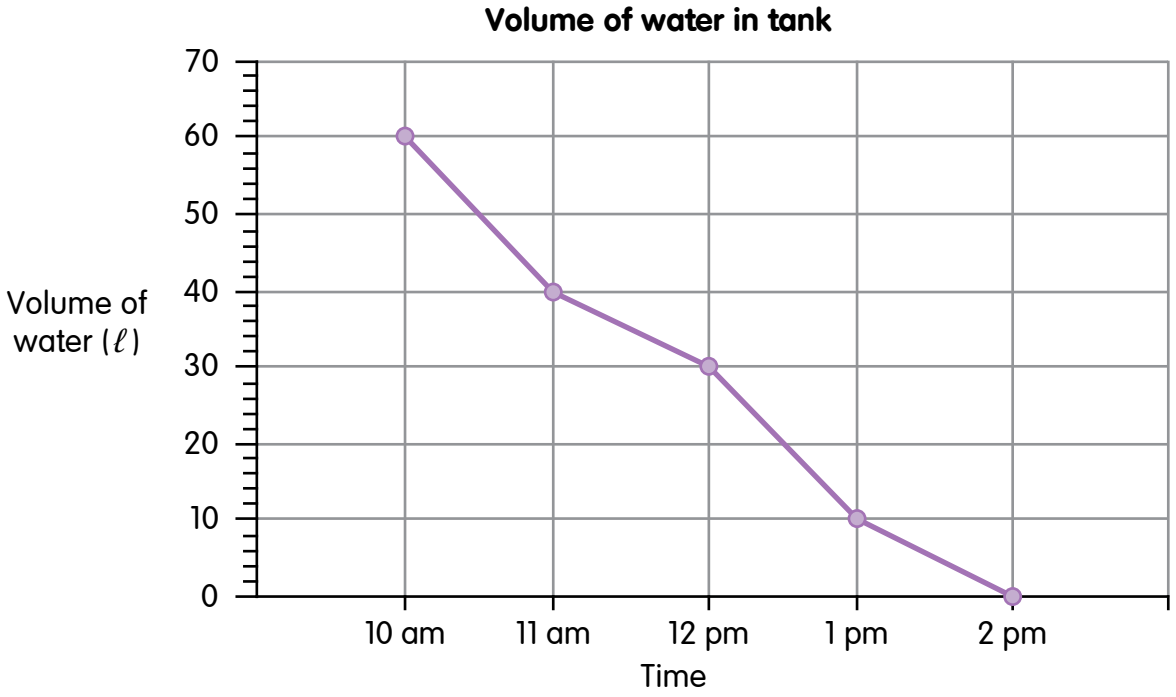
(b) On which two days were the number of patients the same?

(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.



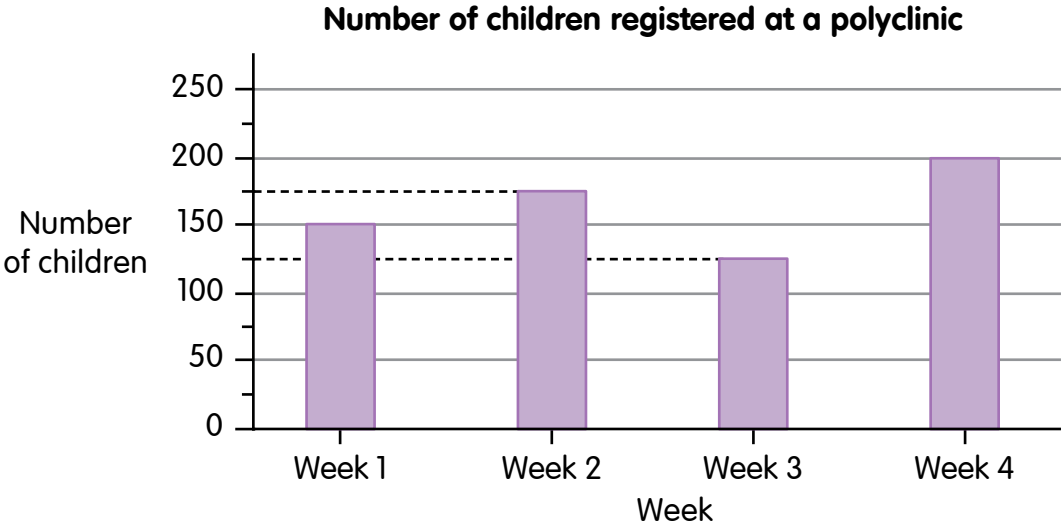
(a) What was the volume of the tank?

(b) At what time was the tank empty?

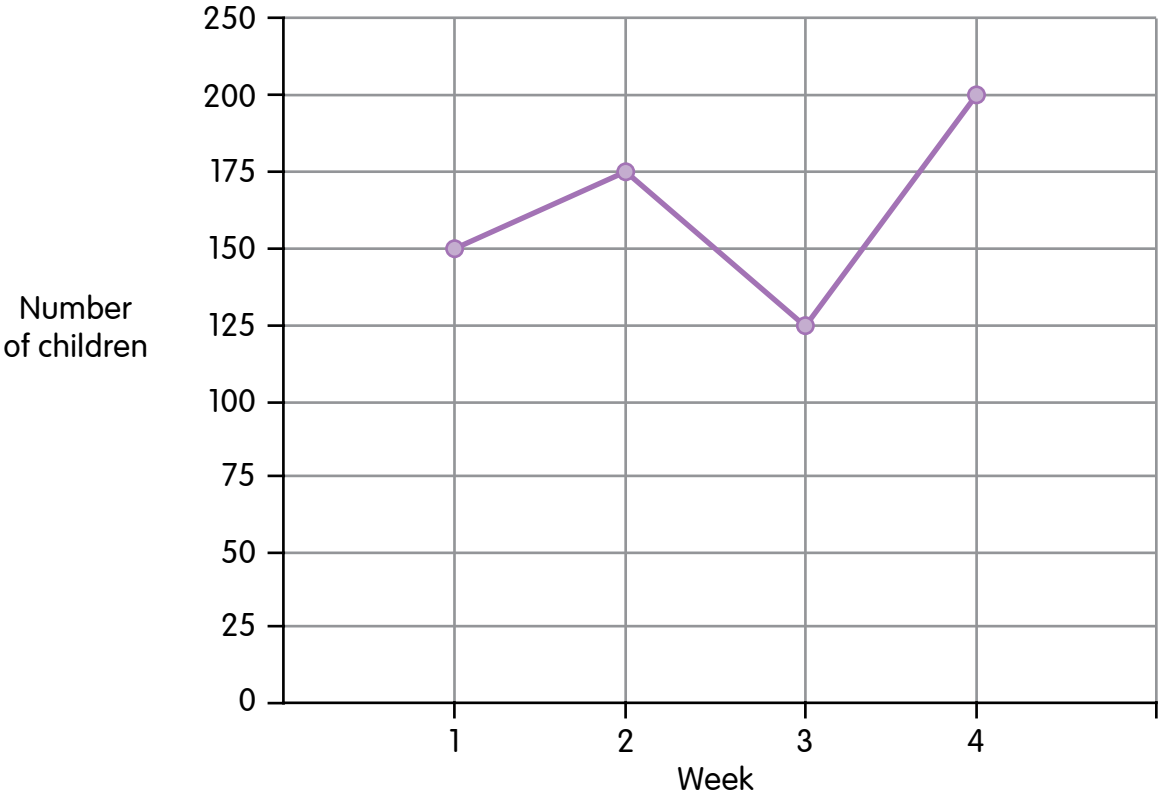
(c) How much water had flowed out of the tank by 11 am?

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

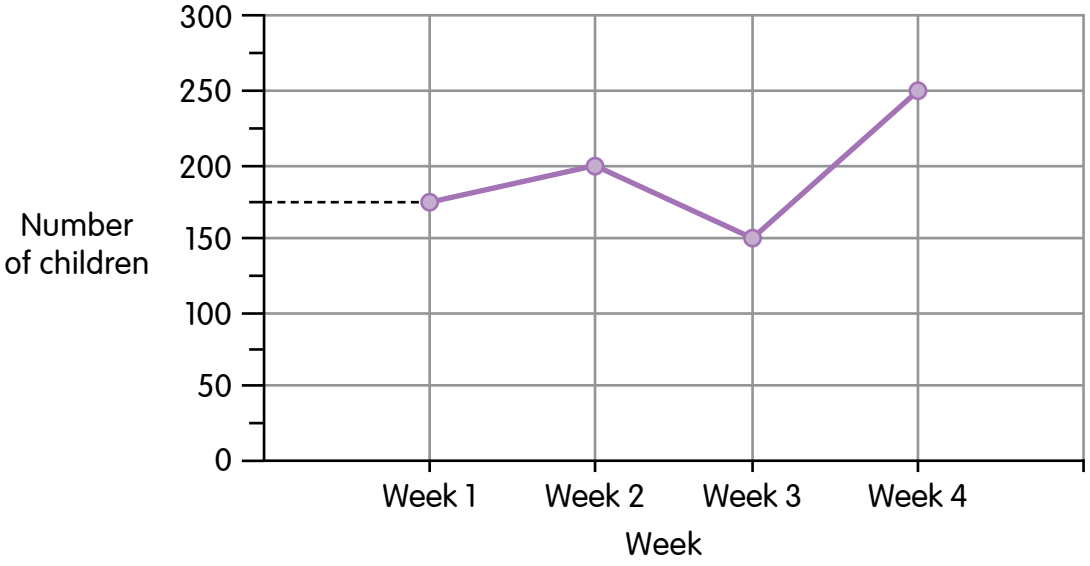
5 The bar graph shows the number of children registered at a clinic over a period of 4 weeks.



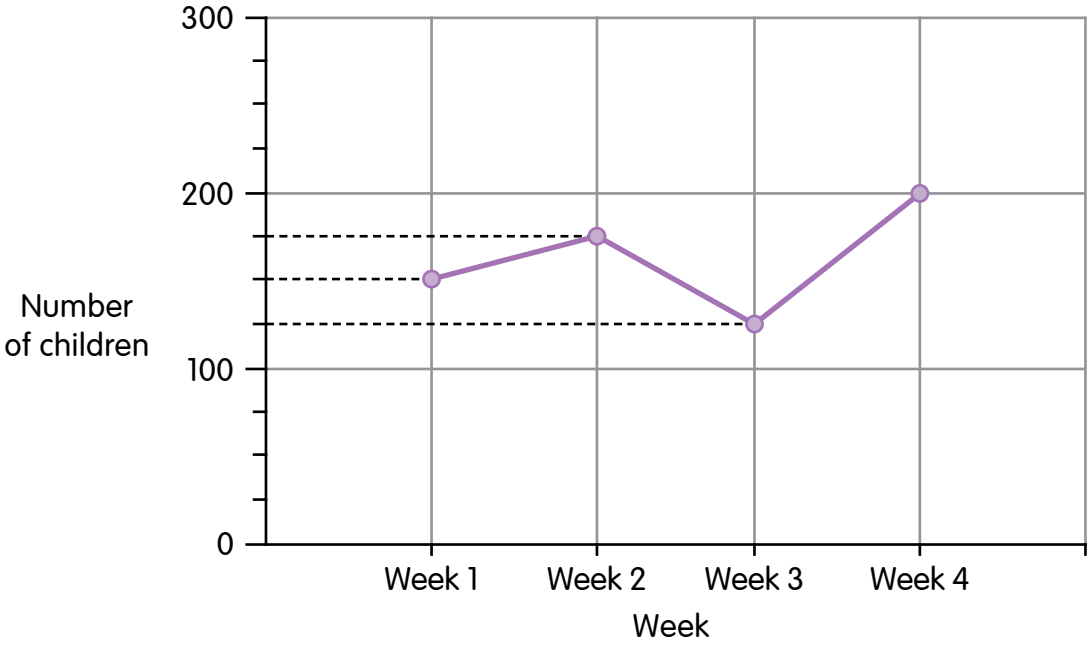
Which of the following line graphs show the data given in the bar graph? Put a tick (✓) in the box if the graph is correct.



Graph A ☐



Graph B ☐



Graph C ☐