

School Time

The government of a new town called Binnaway have decided to build a new primary school. However, there are some problems and they need your help! Remember to record your working out.

1. The population of the town is 1,000. 420 people are of school age. No more than 20 people can be in each class.

How many classes will there be in the new school? Show your working out.

2. The Board of Governors for the new Binnaway Primary School have decided the new school hours. Using the timetable, calculate how many hours the children will be at school for each day. Show your working out.

Start:	7:30 am
Recess:	10:30am-11:00am
Lunch:	1:30pm-2:30pm
Home:	4:00pm

3. The children at the new school don't think there is enough playtime. The Board of Governors want to find out how long is spent in class and how long is spent playing. Use the timetable above to find the answer. Show your working out.

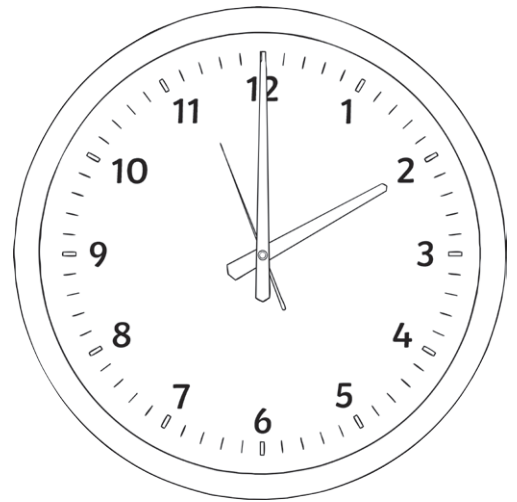
School Time

4. Mr Jones needs help organising his weekly timetable. Add the missing information to his timetable.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
7:00am - 10:30am					
Recess					
Lunch					
2:30pm - 4:00pm					

Missing information:

- Art will be at 7:30am on Tuesday.
- Computer lessons will start at 11:00am on Thursday.
- Music is from 2:30pm on Monday.
- P.E. will be the first lesson every day except Monday, Tuesday and Thursday.
- Library will be on Wednesday starting at 2:30pm.
- Mr Jones has playground duty on Tuesday mornings and Thursday lunchtimes.



The Board of Governors would like to thank you for all your hard work!

School Time Answers

1. The Population of the town is 1,000. 420 people are of school age. No more than 20 people can in each class.

How many classes will there be in the new school. Show your working out.

$$420 \div 20 = 21 \text{ classes}$$

The Board of Governors for the new Binnaway Primary School have decided the new school hours. Using the timetable, calculate how many hours the children will be at school for each day. Show your working out.

$$7:30\text{am to }4:00\text{pm} = 8 \frac{1}{2} \text{ hours}$$

3. The children at the new school don't think there is enough playtime. The Board of Governors want to find out how long is spent in class and how long is spent playing. Use the timetable above to find the answer. Show your working out.

Class time

$$7:30\text{am to }10:30\text{am} = 3 \text{ hours}$$

$$11:00\text{am to }1:30\text{pm} = 2 \frac{1}{2} \text{ hours}$$

$$2:30\text{pm to }4:00\text{pm} = 1 \frac{1}{2} \text{ hours}$$

$$= 7 \text{ hours}$$

Playtime

$$10:30\text{am to }11:00\text{am} = \frac{1}{2} \text{ hour}$$

$$1:30\text{pm to }2:30\text{pm} = 1 \text{ hour}$$

$$= 1 \frac{1}{2} \text{ hours}$$

School Time Answers

4. Mr Jones needs help organising his weekly timetable. Add the missing information to his timetable.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
7:00am - 10:30am		Art	P.E.		P.E.
Recess		Playground Duty			
11:00 am - 1:30pm				Computer Lessons	
Lunch				Playground Duty	
2:30pm - 4:00pm	Music		Library		