

SMALL GROUP ACTIVITY

RANDOM TIME QUESTIONS

Do these questions in any order you wish. Do as many questions as you can in the time available. Your group may be asked to present one of your solutions to the class.

How many seconds in

- a. one minute?
- b. one hour?
- c. one year?
- d. one score?

On average, how many times does a heart beat in a lifetime?

How many days and minutes until your birthday?

How many seconds old are you, right now?

A video started at 9:47 a.m. and finished at 11:23 a.m.
How long was the video?

Your friend has moved to Puerto Vallarta, Mexico. From a website you learn

If the current time in Queensland is 8:40 a.m. on Thursday, then the time in Puerto Vallarta is 4:40 p.m. on Wednesday.

When should you ring your friend to reach her at 9:00 p.m. on Saturday?

If four days before tomorrow is Thursday, what is three days after yesterday?

Explain your answer.

Hint: drawing a diagram might help!

Suppose we adopted metric time, where:

1 day = 10 metric hours

What is the time in our system when the metric clock reads 4:00?

This hourglass timer takes 10 minutes for the sand to pass from the upper bulb to the lower bulb.



The sand is initially all in the upper bulb.

After 7 minutes the glass is turned over.

After a further 4 minutes it is turned over again.

After a further 8 minutes it is turned over again.

After a further 9 minutes it is turned over again.

How long does it now take the sand to run out into the bottom glass?

How many degrees does the hour hand of a clock pass through in two and half hours?

The wax left over from burning ten candles can be used to make one new candle. If each candle burns for one hour, how many hours of light could you get from a box of 1000 candles?

If today is Monday, how many days until Thursday week?

How many hours between 2 p.m. on Friday and 8 a.m. on Saturday?