

January Time Word Problems

Elapsed Time, Timetables & Time Zones

For upper primary pupils

Ages 7–11

(UK KS2 • US Grades 2–5)

This resource includes:

Real-life time word problems

Elapsed time, timetables and time zone questions

A mix of core and challenge problems

Answer key included

Suitable for:

Classroom maths lessons

Small-group work

Home learning and homeschooling

Printable, black-and-white friendly worksheet

January Time Word Problems:

Elapsed Time & Timetables

Solve the problems below. Show your working where possible.

1: Time Differences (Easier) When it is midnight in London on

New Year's Eve, it is 5am in Delhi.

a) How many hours ahead is Delhi?

b) What time is it in London when it is 6am in Delhi?

2: Timetables & Travel (Core)

A New Year's party starts at **9:00pm**.

The bus journey takes **35 minutes**.

a) Which bus should you take to arrive on time? _____

Bus:	A	B	C	D	E
Departure time:	8.00pm	8.10pm	8.20pm	8.30pm	8.40pm

b) What time will you arrive if the bus is delayed by 10 minutes?

3: Duration & Elapsed Time (Core)

You are making snowballs for a snowball fight. You make them one at a time.

- 5 small snowballs, each taking 30 seconds to make
- 4 large snowballs, each taking 45 seconds to make

How long does it take you to make all 9 snowballs in total?

Show your working using seconds or minutes.

4: Challenge It snows heavily from **11:50pm** until **12:18am**.

a) How long does the snowfall last?

b) How much of that time is before midnight?

Extension

Create your own winter time problem and solve it.

Answer Key

1. Time Zones

- a) 5 hours
- b) 1:00 am

2. Timetables & Travel

a) Bus C (Buses A and B also arrive before the start time.)

b) Arrival times:

- Bus A: 8:45 pm
- Bus B: 8:55 pm
- Bus C: 9:05 pm

3. Duration & Elapsed Time

- 5 small snowballs \times 30 seconds = 150 seconds
- 4 large snowballs \times 45 seconds = 180 seconds

Total time = 330 seconds

= 5 minutes 30 seconds

4. Challenge

- a) 28 minutes
- b) 10 minutes