

24 The flight of a plane was in two stages.
The table shows information about the flight.

In total, the flight lasted 2 hours.

[5 marks]

26 Two objects, J and K, are applying pressure to areas of ground.

For J, the force is 18.9 newtons and the area is 0.45 m^2

$$\text{area for J : area for K} = 9 : 5$$

[4 marks]

[illegible]

Answer _____ newtons

Q3. (2022)

- 7 Sam types a constant number of words per minute.
He takes 8 minutes to type a report of 416 words.
How long does it take him to type an essay of 1534 words?
Give your answer in minutes and seconds.

[3 marks]

Answer _____ minutes _____ seconds

Q4. (2023)

- 13 A factory packs x boxes of teabags per hour.
Each box contains 80 teabags.
Show that the factory packs $\frac{4x}{3}$ teabags per minute.

[2 marks]

Q5. (2024)

- 15 Concrete from a truck is poured at 10.9 kg **per second** for 30 minutes.

1000 kg = 1 tonne

Is more than 20 tonnes of concrete poured?

Tick a box.

Yes

☐

No

☐You **must** show your working.

[4 marks]