



Deepen Activities

1 In a school, each lesson starts on the hour and lasts 45 minutes, followed by a break.

a) What fraction of each hour is the lesson? What fraction is the break?

Lessons start at 9 am and finish at 3 pm, with a 60-minute lunch break.

b) How many minutes of lessons are there in the school day? How many minutes of break time are there?

2 Choose the correct time for each fraction.

$\frac{1}{2}$ of a day = 12 hours or 30 hours

$\frac{1}{4}$ of an hour = 20 mins or 15 mins

$\frac{2}{4}$ of a day = 14 hours or 12 hours

$\frac{2}{3}$ of an hour = 45 mins or 40 mins

$\frac{2}{6}$ of a day = 8 hours or 9 hours

$\frac{3}{10}$ of an hour = 18 mins or 20 mins

Create some of your own for your partner to solve.

3 Complete the gaps in this train timetable:

Depart	Arrival	Journey time
06:50	11:30	
10:15		2 hrs 25 min
11:42	12:18	
	14:10	1 hr 35 min
16:39	19:59	
18:21		4 hrs 39 min

Add five journeys of your own to the timetable.

No journey should be less than 30 minutes or more than 4 hours. The timetable runs from 6 am to 11 pm.