

Maths 23.3.20 – Time – Find your own group’s work. When you have finished, you could try a different group’s work too!

Set A

Convert the following:

- 3 minutes to seconds
- half a minute to seconds
- 20 minutes to seconds
- 2 hours to minutes
- 5 hours to minutes
- an hour and a half to minutes

Complete each sentence:

- Half an hour is _____ minutes.
- A quarter of an hour is _____ minutes.
- Ten minutes is _____ seconds.
- Three-quarters of a minute is _____ seconds.

Four children ran in a race. Here are their times:

65 s 1 min 4 s 70 s 1 min 2 s

- What is the fastest time?
- What is the slowest time?

The school record is 59 seconds.

- How much quicker is the record than the fastest time?

Trapezium Group

Set B

Convert to minutes:

- three-quarters of an hour
- six hours
- an hour and a quarter

Convert to seconds:

- eight minutes
- twenty minutes
- six and a half minutes

The table shows the time it takes to fly from London to other cities.

City	Time
Salzburg	1 hour 52 minutes
Oslo	2 hours 3 minutes
Paris	54 minutes

Are the following true or false?

- 30 minutes is greater than $\frac{1}{4}$ of an hour
- 30 minutes plus one hour equals 90 minutes
- 15 seconds less than one minute is 85 seconds
- 6000 seconds > 60 minutes
- 320 minutes < 4 hours

- How many minutes does it take to fly from London to Oslo?
- How many minutes longer is the flight to Salzburg than Paris?

Oblong Group

Set C

Find the missing values:

- 5 and a half hours = minutes
- $\frac{1}{3}$ of a minute = seconds
- 3 and a half = 210 seconds
- 280 minutes = 4 hours and minutes

How many lots of:

- 5 minutes are in 1 hour?
- 10 seconds are in 10 minutes?
- 20 seconds are in $\frac{1}{2}$ an hour?

Convert the following into minutes:

- 1 hour and 42 minutes
- 4 hours and 26 minutes
- 10 hours and 39 minutes

Marcelo sets an alarm. Every 1 minute and 5 seconds after this it rings.

Work out:

- how many seconds until the alarm rings a total of 5 times.
- the total number of times the alarm rings after 650 seconds.

Rhombus Group