

## Year 5 week 8 maths

### Activity 1 Answers

Converting Seconds, Minutes & Hours	Back to Basics
1.) 120 seconds	5.) 324
2.) 180 minutes	6.) 1,280
3.) 5 minutes	7.) 12,962
4.) 2 hours	8.) 4,817

### Challenge Answers

Lucy: 28th March,  
29th March, 30th  
March, 31st March

Jason: 1st April, 2nd  
April, 3rd April, 4th  
April

Children choose  
dates 4 days apart.

## Activity 2 Answers

Converting Seconds, Minutes & Hours	Back to Basics
1.) 24 hours	5.) 581
2.) 360 minutes	6.) 42,325
3.) 3 minutes	7.) 7,415
4.) 3,600 seconds	8.) 967

### Challenge

Tim: 3 min 5 s

Lila: 3 min 12 s

Pip: 3 min 22 s

Tim finishes the race first.

### Activity 3 Answers

Converting Seconds, Minutes & Hours	Back to Basics
1.) 3 days	5.) 468
2.) 660 minutes	6.) 35,466
3.) 4 minutes	7.) 6,573
4.) 9 hours	8.) 2,686

### Challenge

All Stations train  
leaves Halifax at  
9:40 and arrives in  
Leeds at 10:30

Express train leaves  
Halifax at 9:50 and  
arrives in Leeds at  
10:20

Goods train leaves  
Halifax at 9:20 and  
arrives in Leeds at  
10:40

## Activity 4 Answers

Converting Seconds, Minutes & Hours	Back to Basics
1.) 60 hours	5.) $612 \frac{3}{6}$ or $\frac{1}{2}$ Or 612 r 3
2.) 210 minutes	6.) 3,184
3.) 0.5 hours	7.) 1,382
4.) 2.5 minutes	8.) 4,445

## Challenge

Joe has forgotten to place a zero when he multiplied by ten

It should look like this:

...

$$\begin{array}{r} 47 \\ \times 36 \\ \hline 282 \\ 1410 \\ \hline 1692 \end{array}$$

## Activity 5 Answers

Converting Seconds, Minutes & Hours	Back to Basics
1.) 1¼ hours	5.) 3,048 $\frac{1}{3}$
2.) 1¼ days	6.) 159,432
3.) 1¾ minutes	7.) 9,251
4.) 375 minutes	8.) 309

## Challenge

Casey has forgotten to add the zero when multiplying by the multiple of ten '70'

$$\begin{array}{r}
 987 \\
 \times 76 \\
 \hline
 + 5,922 \\
 69,090 \\
 \hline
 75,012
 \end{array}$$

Casey has not exchanged into the Thousands or Ten thousands column correctly.

$$\begin{array}{r}
 324 \\
 \times 78 \\
 \hline
 + 2,592 \quad (324 \times 8) \\
 + 22,680 \quad (324 \times 70) \\
 \hline
 25,272
 \end{array}$$