Minutes and Seconds

I can convert time units involving minutes and seconds.

1) Count forwards in the seconds shown and convert to minutes and seconds where needed.
One has been done for you. Use **m** for minutes and **s** for seconds.

	Seconds to count in	Start time	Count on 10 times more									
a.	5 seconds	50s	55s	1m	1m 5s	1m 10s	1m 15s	1m 20s	1m 25s	1m 30s	1m 40s	1m 45s
b.	10 seconds	1m										
c.	5 seconds	1m 10s										
d.	10 seconds	2m 10s										
e.	20 seconds	20s										

⭐ 2) Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.

1 minute 40 seconds

60 seconds (1 minute)	40 seconds

60 + 40 = 100 seconds

a) 1 minute 15 seconds

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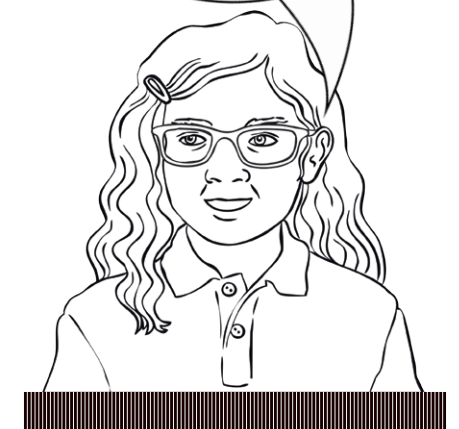b) 2 minutes 5 seconds

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c) 2 minutes 40 seconds

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Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds

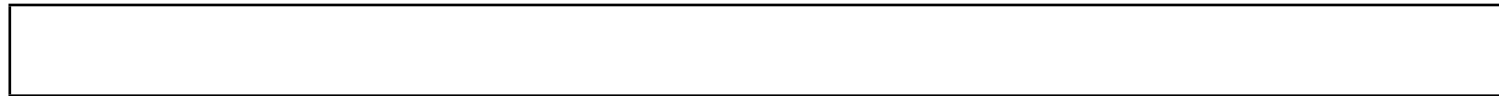3) Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you.
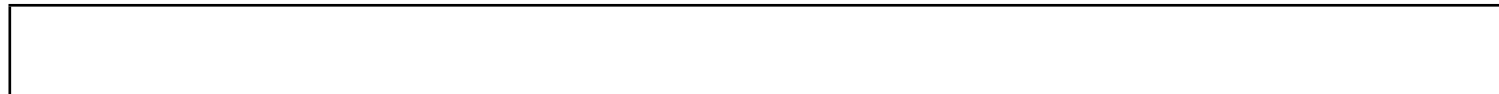
110 seconds

60 seconds (1 minute)	50 seconds

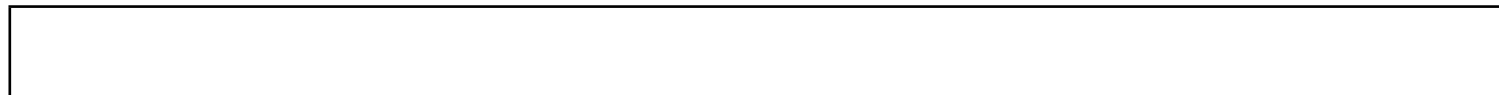100 – 60 = 50 seconds = 1 minute 50 seconds

a) 95 seconds

b) 140 seconds

c) 250 seconds

Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds

Minutes and Seconds **Answers**

Question	Answer
1. Count forwards in the seconds shown and convert to minutes and seconds where needed. One has been done for you. Use **m** for minutes and **s** for seconds.	
a.	55s, 1m, 1m 5s, 1m 10s, 1m 15s, 1m 20s, 1m 25s, 1m 30s, 1m 40s, 1m 45s
b.	1m 10s, 1m 20s, 1m 30s, 1m 40s, 1m 50s, 2m, 2m 10s, 2m 20s, 2m 30s, 2m 40s
c.	1m 15s, 1m 20s, 1m 25s, 1m 30s, 1m 35s, 1m 40s, 1m 45s, 1m 50s, 1m 55s, 2m
d.	2m 20s, 2m 30s, 2m 40s, 2m 50s, 3m, 3m 10s, 3m 20s, 3m 30s, 3m 40s, 3m 50s
e.	40s, 1m, 1m 20s, 1m 40s, 2m, 2m 20s, 2m 40s, 3m, 3m 20s, 3m 40s
2. Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.	
a.	1 minute 15 seconds **75 seconds**
b.	2 minutes 5 seconds **125 seconds**
c.	2 minutes 40 seconds **160 seconds**

Question	Answer
3. Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you	
a.	95 seconds **1 minute 35 seconds**
b.	140 seconds **2 minutes 20 seconds**
c.	250 seconds **4 minutes 10 seconds**

Minutes and Seconds

I can convert time units involving minutes and seconds.

1) Count forwards in the seconds shown and convert to minutes and seconds where needed.
   One has been done for you. Use **m** for minutes and **s** for seconds.

	Seconds to count in	Start time	Count on 10 times more									
a.	5 seconds	1m 25s	1m 30s	1m 35s	1m 40s	1m 45s	1m 50s	1m 55s	2m	2m 5s	2m 10s	2m 15s
b.	10 seconds	2m 15s										
c.	15 seconds	3m										
d.	20 seconds	3m 15s										
e.	25 seconds	2m 50s										

2) Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.

1 minute 50 seconds

60 seconds (1 minute)	50 seconds

60 + 50 = 110 seconds

a) 2 minute 45 seconds

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b) 4 minutes 5 seconds

_____

c) 6 minutes 35 seconds

_____

Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds
6 minutes = 360 seconds

3) Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you.

115 seconds

60 seconds (1 minute)	55 seconds

115 – 60 = 55 seconds = 1 minute 55 seconds

a) 275 seconds

b) 305 seconds

c) 375 seconds

Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds
6 minutes = 360 seconds

Minutes and Seconds **Answers**

Question	Answer
1. Count forwards in the seconds shown and convert to minutes and seconds where needed. One has been done for you. Use **m** for minutes and **s** for seconds.	
a.	1m 30s, 1m 35s, 1m 40s, 1m 45s, 1m 50s, 1m 55s, 2m, 2m 5s, 2m 10s, 2m 15s
b.	2m 25s, 2m 35s, 2m 45s, 2m 55s, 3m 5s, 3m 15s, 3m 25s, 3m 35s, 3m 45s, 3m 55s
c.	3m 15s, 3m 30s, 3m 45s, 4m, 4m 15s, 4m 30s, 4m 45s, 5m, 5m 15s, 5m 30s
d.	3m 35s, 3m 55s, 4m 15s, 4m 35s, 4m 55s, 5m 15s, 5m 35s, 5m 55s, 6m 15s, 6m 35s
e.	3m 15s, 3m 40s, 4m 5s, 4m 30s, 4m 55s, 5m 20s, 5m 45s, 6m 10s, 6m 35s, 7m
2. Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.	
a.	2 minute 45 seconds **165 seconds**
b.	4 minutes 5 seconds **245 seconds**
c.	6 minutes 35 seconds **395 seconds**

3. Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you	
a.	275 seconds **4 minutes 35 seconds**
b.	305 seconds **5 minutes 5 seconds**
c.	375 seconds **6 minutes 15 seconds**

Minutes and Seconds

I can convert time units involving minutes and seconds.

1) Count forwards in the seconds shown and convert to minutes and seconds where needed.
One has been done for you. Use **m** for minutes and **s** for seconds.

	Seconds to count in	Start time	Count on 10 times more									
a.	5 seconds	4m 11s	4m 16s	4m 21s	4m 26s	4m 31s	4m 31s	4m 36s	4m 41s	4m 46s	4m 51s	4m 56s
b.	10 seconds	2m 13s										
c.	5 seconds	5m 28s										
d.	12 seconds	2m 20s										
e.	16 seconds	3m 22s										

2) Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.

1 minute 33 seconds

60 seconds (1 minute)	33 seconds

60 + 33 = 93 seconds

a) 4 minute 38 seconds

b) 5 minutes 47 seconds

c) 6 minutes 29 seconds

Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds
6 minutes = 360 seconds

3) Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you.

133 seconds

60 seconds (1 minute)	60 seconds (1 minute)	33 seconds

133 – 120 = 13 seconds = 2 minutes 13 seconds

a) 177 seconds

b) 208 seconds

c) 399 seconds

Minutes to seconds:

1 minute = 60 seconds
2 minutes = 120 seconds
3 minutes = 180 seconds
4 minutes = 240 seconds
5 minutes = 300 seconds
6 minutes = 360 seconds

Minutes and Seconds **Answers**

Question	Answer
1. Count forwards in the seconds shown and convert to minutes and seconds where needed. One has been done for you. Use **m** for minutes and **s** for seconds.	
a.	*4m 16s, 4m 21s, 4m 26s, 4m 31s, 4m 31s, 4m 36s, 4m 41s, 4m 46s, 4m 51s, 4m 56s*
b.	*2m 23s, 2m 33s, 2m 43s, 2m 53s, 3m 3s, 3m 13s, 3m 23s, 3m 33s, 3m 43s, 3m 53s*
c.	*5m 33s, 5m 38s, 5m 43s, 5m 48s, 5m 53s, 5m 58s, 6m 3s, 6m 8s, 6m 13s, 6m 18s*
d.	*2m 32s, 2m 44s, 2m 56s, 3m 8s, 3m 20s, 3m 32s, 3m 44s, 3m 56s, 4m 8s, 4m 20s*
e.	*3m 38s, 3m 54s, 4m 10s, 4m 26s, 4m 42s, 4m 58s, 5m 14s, 5m 30s, 5m 46s, 6m 2s*
2. Convert these minutes and seconds times to seconds. Use a bar model to help. One has been done for you.	
a.	4 minute 38 seconds **278 seconds**
b.	5 minutes 47 seconds **347 seconds**
c.	6 minutes 29 seconds **389 seconds**

3. Convert these seconds times to minutes and seconds. Use a bar model to help. One has been done for you	
a.	177 seconds **2 minutes 57 minutes**
b.	208 seconds **3 minutes 28 seconds**
c.	399 seconds **6 hours 39 seconds**