

Converting 12-Hour and 24-Hour Times

I can convert 12-hour times into 24-hour times and vice versa.



1) Complete the chart, changing 12-hour a.m. digital times into 24-hour times.

12-Hour Time	24-Hour Time
1:00 a.m.	
2:00 a.m.	
3:00 a.m.	
4:00 a.m.	
5:00 a.m.	
6:00 a.m.	
7:00 a.m.	
8:00 a.m.	
9:00 a.m.	
10:00 a.m.	
11:00 a.m.	

2) Complete the chart, changing 12-hour p.m. digital times into 24-hour times.

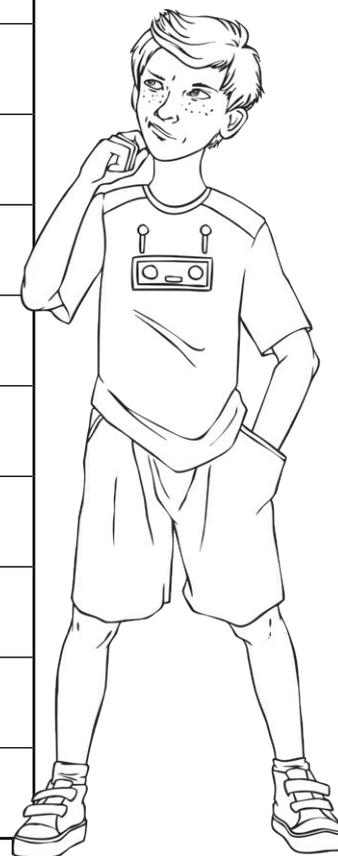
12-Hour Time	24-Hour Time
12:00 p.m.	
1:00 p.m.	
2:00 p.m.	
3:00 p.m.	
4:00 p.m.	
5:00 p.m.	
6:00 p.m.	
7:00 p.m.	
8:00 p.m.	
9:00 p.m.	
10:00 p.m.	
11:00 p.m.	



3) Complete this table, filling in the missing times.



24-Hour Time	12-Hour Time
03:15	
	4:00 p.m.
	7:30 a.m.
18:45	
14:30	
	5:30 a.m.
	10:45 p.m.
17:30	
09:15	
	6:30 a.m.
22:30	



4) In each pair, tick the time which comes earliest in the day. The first one is done for you.

3:15 p.m.	<input type="radio"/>	11:30	<input checked="" type="radio"/>
04:15	<input type="radio"/>	4:30 a.m.	<input type="radio"/>
13:15	<input type="radio"/>	1:00 p.m.	<input type="radio"/>
8:30 p.m.	<input type="radio"/>	09:15	<input type="radio"/>
11:30 a.m.	<input type="radio"/>	23:30	<input type="radio"/>
14:30	<input type="radio"/>	2:15 p.m.	<input type="radio"/>

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer	
1. Complete the chart, changing 12-hour a.m. digital times into 24-hour times.		
	1:00 a.m.	01:00
	2:00 a.m.	02:00
	3:00 a.m.	03:00
	4:00 a.m.	04:00
	5:00 a.m.	05:00
	6:00 a.m.	06:00
	7:00 a.m.	07:00
	8:00 a.m.	08:00
	9:00 a.m.	09:00
	10:00 a.m.	10:00
	11:00 a.m.	11:00
2. Complete the chart, changing 12-hour p.m. digital times into 24-hour times.		
	12:00 p.m.	12:00
	1:00 p.m.	13:00
	2:00 p.m.	14:00
	3:00 p.m.	15:00
	4:00 p.m.	16:00

	5:00 p.m.	17:00
	6:00 p.m.	18:00
	7:00 p.m.	19:00
	8:00 p.m.	20:00
	9:00 p.m.	21:00
	10:00 p.m.	22:00
	11:00 p.m.	23:00
3. Complete this table, filling in the missing times.		
	03:15	3:15 a.m.
	16:00	4:00 p.m.
	07:30	7:30 a.m.
	18:45	6:45 p.m.
	14:30	2:30 p.m.
	05:30	5:30 a.m.
	22:45	10:45 p.m.
	17:30	5:30 p.m.
	09:15	9:15 a.m.
	06:30	6:30 a.m.
	22:30	10:30 p.m.

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer	
4. In each pair, tick the time which comes earliest in the day. The first one is done for you.		
	3:15 p.m. <input type="radio"/>	11:30 <input checked="" type="checkbox"/>
	4:15 <input checked="" type="checkbox"/>	4:30 a.m. <input type="radio"/>
	13:15 <input type="radio"/>	1:00 p.m. <input checked="" type="checkbox"/>
	8:30 p.m. <input type="radio"/>	9:15 <input checked="" type="checkbox"/>
	11:30 a.m. <input checked="" type="checkbox"/>	23:30 <input type="radio"/>
	14:30 <input type="radio"/>	2:15 p.m. <input checked="" type="checkbox"/>

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1) Complete the chart, changing 12-hour a.m. digital times into 24-hour times.

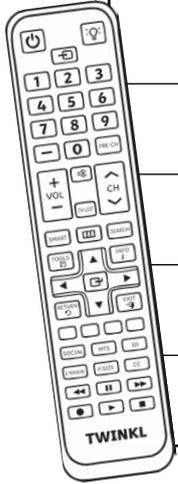
2) Complete the chart, changing 12-hour p.m. digital times into 24-hour times.

12-Hour Time	24-Hour Time
2:15 a.m.	
5:30 a.m.	
9:00 a.m.	
11:15 a.m.	
6:30 a.m.	
9:45 a.m.	
11:30 a.m.	
10:00 a.m.	
8:15 a.m.	
1:30 a.m.	
2:45 a.m.	

12-Hour Time	24-Hour Time
12:30 p.m.	
6:00 p.m.	
2:15 p.m.	
4:30 p.m.	
9:00 p.m.	
7:45 p.m.	
10:00 p.m.	
8:30 p.m.	
11:45 p.m.	
2:45 p.m.	
7:00 p.m.	



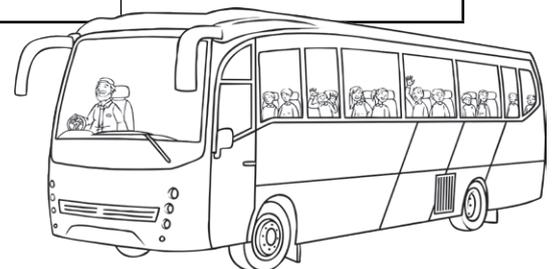
- 3) This TV schedule has been written in a 12-hour digital format. Convert the times to 24-hour times.



12-Hour Time	Programme	24-Hour Time
9:15 a.m.	Loopy Tunes	
10:00 a.m.	Pepper Pink	
10:30 a.m.	Film: Toy Tales	
11:45 a.m.	Sponge Ben Square Boots	
12:30 p.m.	Stewart Galaxy and the Crystal Jewels	
1:15 p.m.	Film: Beauty and the Bear	
2:30 p.m.	Bill the Builder	

- 4) Here is a bus route from Timbley to Lordton. The times have been written in a 24-hour format. Convert the times to 12-hour times, using a.m. and p.m.

24-Hour Time	Town	12-Hour Time
11:30	Timbley	
12:15	Scarton	
13:00	Leesbury	
13:45	Malmy	
14:30	Sternin	
15:00	Parsey	
15:30	Lordton	



5) Rewrite these times from earliest in the day to latest.
The first one has been done for you.

3:15 p.m.	01:30	4:15 a.m.	<i>01:30</i>	<i>4:15 a.m.</i>	<i>3:15 p.m.</i>
3:30 a.m	12:45	6:30 a.m.			
13:15	2:15 p.m.	10:45			
16:00	8:30 a.m.	20:00			

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer	
1. Complete the chart, changing 12-hour a.m. digital times into 24-hour times.		
	2:15 a.m.	02:15
	5:30 a.m.	05:30
	9:00 a.m.	09:00
	11:15 a.m.	11:15
	6:30 a.m.	06:30
	9:45 a.m.	09:45
	11:30 a.m.	11:30
	10:00 a.m.	10:00
	8:15 a.m.	08:15
	1:30 a.m.	01:30
	2:45 a.m.	02:45
2. Complete the chart, changing 12-hour p.m. digital times into 24-hour times.		
	12:30 p.m.	12:30
	6:00 p.m.	18:00
	2:15 p.m.	14:15
	4:30 p.m.	16:30
	9:00 p.m.	21:00

	7:45 p.m.	19:45
	10:00 p.m.	22:00
	8:30 p.m.	20:30
	11:45 p.m.	23:45
	2:45 p.m.	14:45
	7:00 p.m.	19:00

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer		
3.	This TV schedule has been written in a 12-hour digital format. Convert the times to 24-hour times.		
	09:15 a.m.	Loopy Tunes	09:15
	10:00 a.m.	Pepper Pink	10:00
	10:30 a.m.	Film: Toy Tales	10:30
	11:45 a.m.	Sponge Ben Square Boots	11:45
	12:30 p.m.	Stewart Galaxy and the Crystal Jewels	12:30
	01:15 p.m.	Film: Beauty and the Bear	13:15
	02:30 p.m.	Bill the Builder	14:30
4.	Here is a bus route from Tumbley to Lordton. The times have been written in a 24-hour format. Convert the times to 12-hour times, using a.m. and p.m.		
	11:30	Tumbley	11:30 a.m.
	12:15	Scarton	12:15 p.m.
	13:00	Leesbury	1:00 p.m.
	13:45	Malmy	1:45 p.m.
	14:30	Sternin	2:30 p.m.
	15:00	Parsey	3:00 p.m.
	15:30	Lordton	3:30 p.m.

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer					
5.	Rewrite these times from earliest in the day to latest. The first one has been done for you.					
	3:15 p.m.	01:30	4:15 a.m.	01:30	4:15 a.m.	3:15 p.m.
	3:30 a.m.	12:45	6:30 a.m.	3:30 a.m.	6:30 a.m.	12:45
	13:15	2:15 p.m.	10:45	10:45	13:15	2:15 p.m.
	16:00	8:30 a.m.	20:00	8:30 a.m.	16:00	20:00

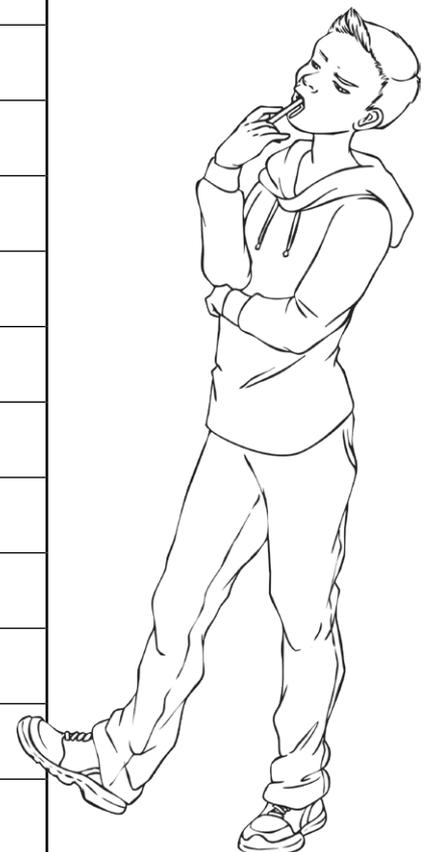
Converting 12-Hour and 24-Hour Times

I can convert 12-hour times into 24-hour times and vice versa.



- 1) Complete the charts, changing 12-hour digital times into 24-hour times and 24-hour times into 12-hour digital times.

12-Hour Time	24-Hour Time
2:15 a.m.	
	15:20
	03:15
11:15 p.m.	
	23:10
	10:40
11:35 a.m.	
10:05 p.m.	
	11:55
	20:20
2:45 a.m.	
	01:05
	18:15
7:55 p.m.	
	17:10
3:55 a.m.	
	18:20
	22:40
6:40 p.m.	



2) Here is a bus route from Spenton to Leighsby. The times have been written in a 12-hour format. Convert the times to 24-hour times.

12-Hour Time	Town	24-Hour Time
10:05 a.m.	Spenton	
11:45 a.m.	Wilton	
12:25 p.m.	Spursby	
1:00 p.m.	Carton	
2:10 p.m.	Posterly	
3:05 p.m.	Versbury	
4:40 p.m.	Leighsby	

3) Here are the feeding times for animals at a zoo. The times have been written in a 24-hour format. Convert them to 12-hour times, using a.m. and p.m.

24-Hour Time	Animal	12-Hour Time
11:05	Chimpanzees	
12:15	Seals	
12:35	Penguins	
13:20	Tigers	
14:25	Crocodiles	
15:15	Farm animals	
16:00	Reptiles	



4) Rewrite these times from earliest in the day to latest.
 The first one has been done for you.

2:15 p.m.	05:35	4:15 a.m.	14:20	<i>4:15 a.m.</i>	<i>05:35</i>	<i>2:15 p.m.</i>	<i>14:20</i>
4:30 a.m.	13:40	7:20 a.m.	11:55				
12:25	3:15 p.m.	10:55	6:40 a.m.				
15:00	9:15 a.m.	21:05	3:45 p.m.				

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer	
1. Complete the chart, changing 12-hour a.m. digital times into 24-hour times.		
	2:15 a.m.	02:15
	3:20 p.m.	15:20
	3:15 a.m.	03:15
	11:15 p.m.	23:15
	11:10 p.m.	23:10
	10:40 a.m.	10:40
	11:35 a.m.	11:35
	10:05 p.m.	22:05
	11:55 a.m.	11:55
	8:20 p.m.	20:20
	2:45 a.m.	02:45
	1:05 a.m.	01:05
	6:15 p.m.	18:15
	7:55 p.m.	19:55
	5:10 p.m.	17:10
	3:55 a.m.	03:55
	6:20 p.m.	18:20

	10:40 p.m.	22:40
	6:40 p.m.	18:40

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer		
2.	Here is a bus route from Spenton to Leighsby. The times have been written in a 12-hour format. Convert the times to 24-hour times.		
	10:05 a.m.	Spenton	10:05
	11:45 a.m.	Wilton	11:45
	12:25 p.m.	Spursby	12:25
	1:00 p.m.	Carton	13:00
	2:10 p.m.	Posterly	14:10
	3:05 p.m.	Versbury	15:05
	4:40 p.m.	Leighsby	16:40
3.	Here are the feeding times for animals at a zoo. The times have been written in a 24-hour format. Convert them to 12-hour times, using a.m. and p.m.		
	11:05	Chimpanzees	11:05 a.m.
	12:15	Seals	12:15 p.m.
	12:35	Penguins	12:35 p.m.
	13:20	Tigers	1:20 p.m.
	14:25	Crocodiles	2:25 p.m.
	15:15	Farm animals	3:15 p.m.
	16:00	Reptiles	4:00 p.m.

Converting 12-Hour and 24-Hour Times **Answers**

Question	Answer							
4.	Rewrite these times from earliest in the day to latest. The first one has been done for you.							
	2:15 p.m.	05:35	4:15 a.m.	14:20	<i>4:15 a.m.</i>	<i>05:35</i>	<i>2:15 p.m.</i>	<i>14:20</i>
	4:30 a.m.	13:40	7:20 a.m.	11:55	<i>4:30 a.m.</i>	<i>7:20 a.m.</i>	<i>11:55</i>	<i>13:40</i>
	12:25	3:15 p.m.	10:55	6:40 a.m.	<i>6:40 a.m.</i>	<i>10:55</i>	<i>12:25</i>	<i>3:15 p.m.</i>
	15:00	9:15 a.m.	21:05	3:45 p.m.	<i>9:15 a.m.</i>	<i>15:00</i>	<i>3:45 p.m.</i>	<i>21:05</i>