


Time


Watch this video on YouTube: <https://www.youtube.com/watch?v=3JaQyaiPI6E>

Ex A. Finding elapsed time



Clock A



Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed between Clock A and B ? _____



Clock A



Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed between Clock A and B ? _____



Clock A



Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed between Clock A and B ? _____

Ex A. Finding elapsed time



Clock A



Clock B

What time is on Clock A ? _____

What time is on Clock B ? _____

How much time has elapsed between Clock A and B ? _____

Ex B. Work out these problems involving time

1. Joy works from 9 a.m until 5 p.m. every day. If she takes one hour lunch break, how many hours does she work altogether from Monday through Friday?

_____hours

2. A train leaves 2:29 p.m. and arrives at 10:47 p.m. How long does the trip take?

3. Luke wants to videotape a programme that starts at 3:30 p.m. and finishes at 5 p.m. If the programme is on every day for the next five days, how many hours will he videotape?

Ex C. Convert the following

1. 3 minutes = _____ seconds
2. 480 minutes = _____ hours
3. 11 hours = _____ minutes
4. 5 days = _____ hours
5. 12 hours = _____ day
6. 1 day = _____ minutes
7. 4 weeks = _____ days

Ex D. Use this calendar to answer these questions.

OCTOBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

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1. How many Mondays are on the October calendar shown in the picture above? _____
 2. How many weekend days are there on the October calendar above? _____
 3. How many weekdays are there on the calendar? _____
 4. Columbus Day is celebrated on the second Monday in October. What is the date of Columbus Day? _____
 5. Mary circled her birthday on the calendar. Her birthday party is four days later. On what date is her party? _____
 6. Travis has a birthday exactly two weeks before Mary's. When was Travis' birthday? _____
 7. Each year, the October calendar looks a little different. Explain how the October calendar is the same each year and how it is different.

Ex A. Finding elapsed time. (I am going to use both subtraction methods to solve these answers).



Clock A



Clock B

What time is on Clock A ? 12:50

What time is on Clock B ? 4:34

How much time has elapsed between Clock A and B ? 3 hrs and 44 mins



$$\begin{array}{r}
 15 + 60 \\
 16:34 \text{ (4:34PM)} \\
 -12:50 \\
 \hline
 3:44
 \end{array}$$



Clock A



Clock B

What time is on Clock A ? 11:20

What time is on Clock B ? 3:14

How much time has elapsed between Clock A and B ? 3 hrs and 54 mins



$$\begin{array}{r}
 14 + 60 \\
 15:14 \text{ (3:14PM)} \\
 -11:20 \\
 \hline
 3:54
 \end{array}$$



Clock A

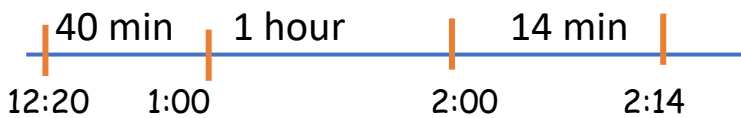


Clock B

What time is on Clock A ? 12:20

What time is on Clock B ? 2:14

How much time has elapsed between Clock A and B ? 1 hrs and 54 mins



$$\begin{array}{r}
 13 + 60 \\
 14:14 \text{ (2:14PM)} \\
 -12:20 \\
 \hline
 1:54
 \end{array}$$



Clock A

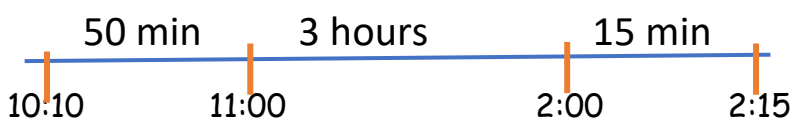


Clock B

What time is on Clock A ? 10:10

What time is on Clock B ? 2:15

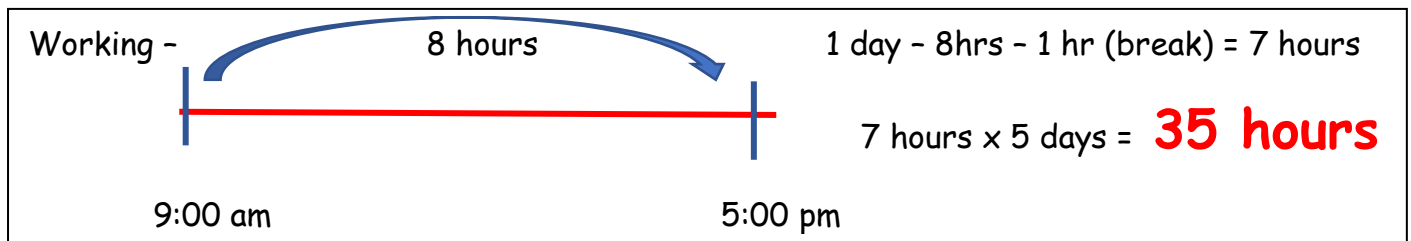
How much time has elapsed between Clock A and B ? 4 hrs and 5 mins



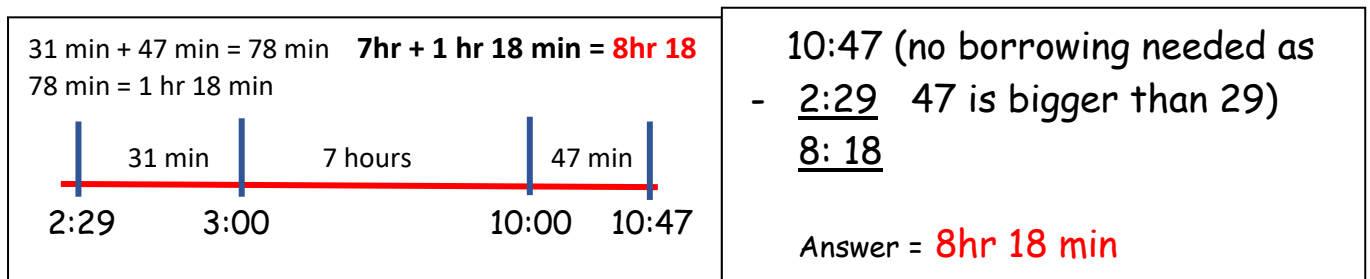
$$\begin{array}{r}
 14:15 \text{ (2:15PM)} \\
 -10:10 \\
 \hline
 4:05
 \end{array}$$

Ex B. Work out these problems involving time

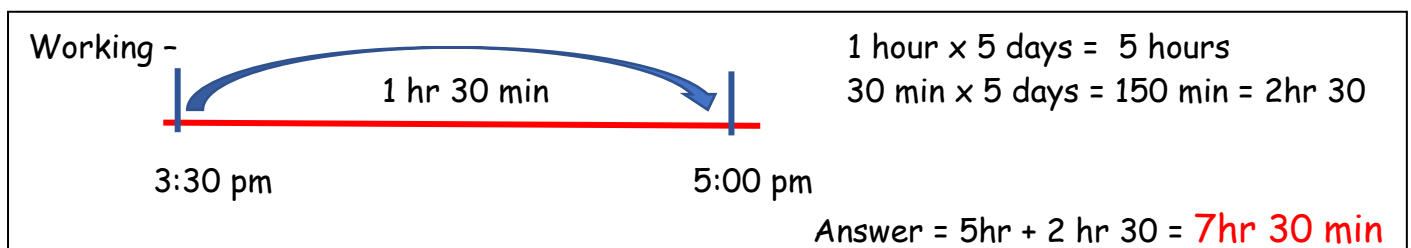
1. Joy works from 9 a.m. until 5 p.m. every day. If she takes one hour lunch break, how many hours does she work altogether from Monday through Friday?



2. A train leaves 2:29 p.m. and arrives at 10:47 p.m. How long does the trip take?



3. Luke wants to videotape a programme that starts at 3:30 p.m. and finishes at 5 p.m. If the programme is on every day for the next five days, how many hours will he videotape?



Ex C. Convert the following

- 3 minutes = seconds
- 480 minutes = hours
- 11 hours = minutes
- 5 days = hours
- 12 hours = day
- 1 day = minutes
- 4 weeks = days

Ex D. Use this calendar to answer these questions.

OCTOBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

1. How many Mondays are on the October calendar shown above? **5**
2. How many weekend days are there on the October calendar above? **10**
3. How many weekdays are there in October? **21**
4. Columbus Day is celebrated on the second Monday in October. What is the date of Columbus Day? **October 10**
5. Mary circled her birthday on the calendar. Her birthday party is four days later. On what date is her party? **October 23**
6. Travis has a birthday exactly two weeks before Mary's. When was Travis' birthday? **October 5**
7. Each year, the October calendar looks a little different. Explain how the October calendar is the same each year and how it is different.

Each year the month starts on a different day of the week. The numbers will be in different positions on the calendar each year. However, there will always be 31 days.