Name _____ Date _____

The table to the right shows the times that 5 students took to do 15 jumping jacks.

Maya	16 seconds
Riley	15 seconds
Jake	14 seconds
Nicholas	15 seconds
Adeline	17 seconds

a. Who finished their jumping jacks the fastest?

Jake

b. Who finished their jumping jacks in the exact same amount of time?

Riley + Nicholas

c. How many seconds faster did Jake finish than Adeline?

Adeline 17 seconds
Jake 14 seconds

Adeline - Jake = how much faster (difference)

$$\begin{array}{r} 17 \\ -14 \\ \hline 3 \end{array}$$ seconds

Name _____ Date _____

1. The table below shows the times 5 students took to run 100 meters.

Samantha	19 seconds
Melanie	22 seconds
Chester	26 seconds
Dominique	18 seconds
Louie	24 seconds

a. Who is the fastest runner?

Dominique

b. Who is the slowest runner?

Chester

c. How many seconds faster does Samantha run than Louie?

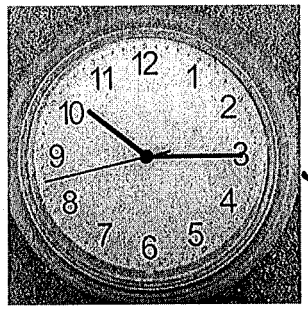
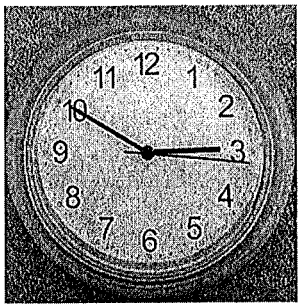
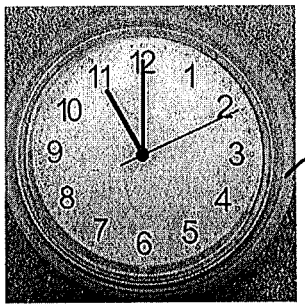
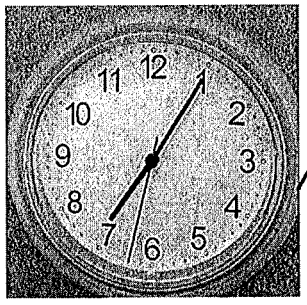
Louie - Samantha = difference

24 - 19 = 5seconds

2. List activities at home that take the following times to complete. If you do not have a stop watch, you can use the strategy of counting by "1 Mississippi, 2 Mississippi, 3 Mississippi...."

Time	Activities at home
30 seconds	For example: Tying shoelaces
45 seconds	
60 seconds	

3. Match the analog clock with the correct digital clock.

07:05

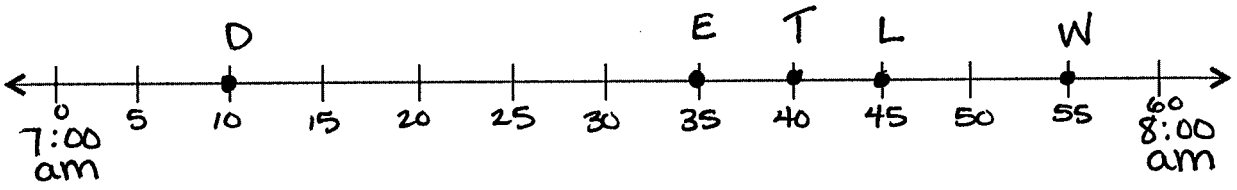
11:00

10:15

02:50

Name _____ Date _____

1. Follow the directions to label the number line below.



a. Ingrid gets ready for school between 7:00 a.m. and 8:00 a.m. Label the first and last tick marks as 7:00 a.m. and 8:00 a.m.

b. Each interval represents 5 minutes. Count by fives starting at 0, or 7:00 a.m. Label 0, 5, and 10 below the number line up to 8:00 a.m.

c. Ingrid starts getting dressed at 7:10 a.m. Plot a point on the number line to represent this time. Above the point write *D*.

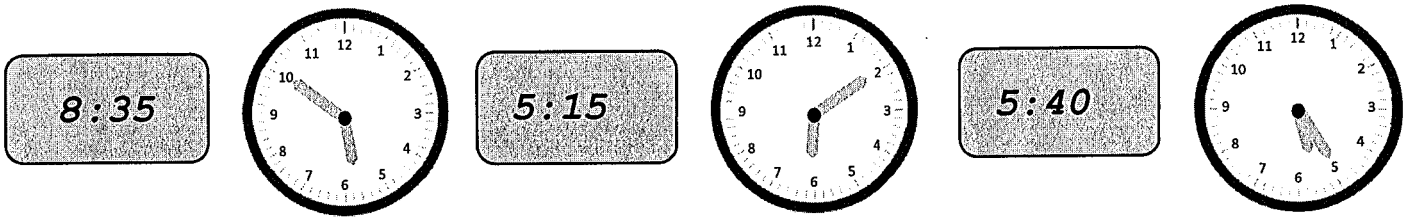
d. Ingrid starts eating breakfast at 7:35 a.m. Plot a point on the number line to represent this time. Above the point write *E*.

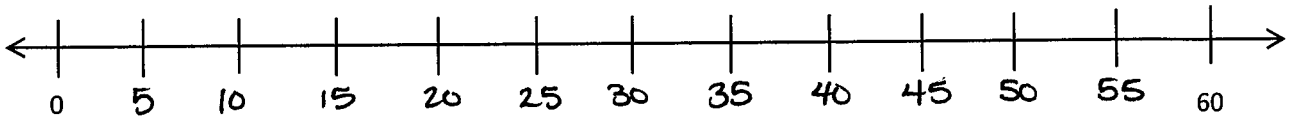
e. Ingrid starts brushing her teeth at 7:40 a.m. Plot a point on the number line to represent this time. Above the point write *T*.

f. Ingrid starts packing her lunch at 7:45 a.m. Plot a point on the number line to represent this time. Above the point write *L*.

g. Ingrid starts waiting for the bus at 7:55 a.m. Plot a point on the number line to represent this time. Above the point write *W*.

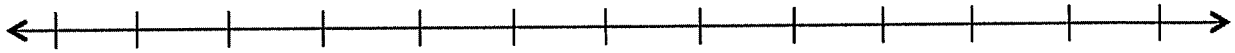
2. Label every 5 minutes below the number line shown. Draw a line from the clocks to the points on the number line showing their time. Not all of the clocks have matching points.





5:00 p.m. 6:00 p.m.

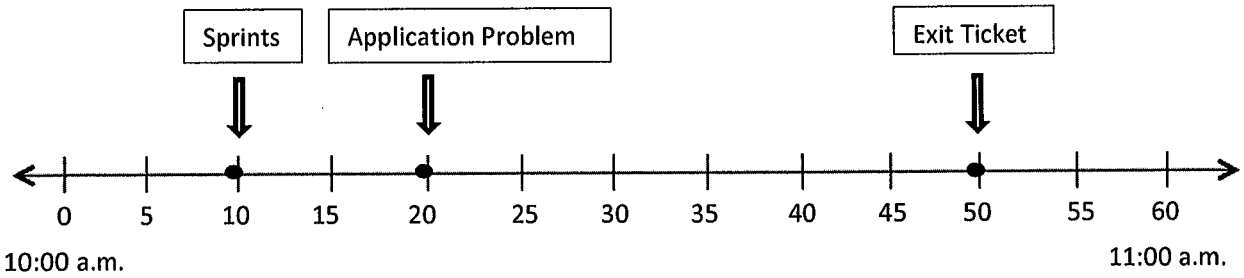
3. Noah uses a number line to locate 5:45 p.m. Each interval is 5 minutes. The number line shows the hour from 5 p.m.to 6 p.m. Label the number line below to show his work below.



4. Tanner tells his little brother that 11:25 p.m. comes after 11:20 a.m. Do you agree with Tanner? Why or why not?

Name _____ Date _____

The number line below shows math class from 10:00 a.m. to 11:00 a.m. Use the number line to answer the following questions.



a. What time do Sprints begin?

10:10 am

b. What time do students begin Application Problems?

10:20 am

c. What time do students work on Exit Tickets?

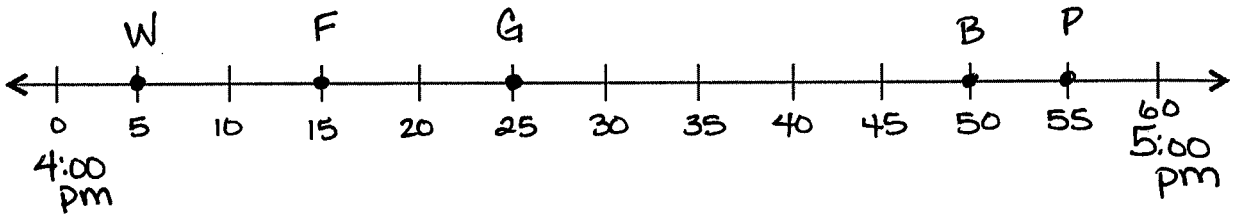
10:50 am

d. How long is math class?

60 minutes
or
1 hour

Name _____ Date _____

1. Follow the directions to label the number line below.



a. The basketball team practices between 4:00 p.m. and 5:00 p.m. Label the first and last tick marks as 4:00 p.m. and 5:00 p.m.

b. Each interval represents 5 minutes. Count by fives starting at 0, or 4:00 p.m. Label 0, 5, and 10 below the number line up to 5:00 p.m.

c. The team warms up at 4:05 p.m. Plot a point on the number line to represent this time. Above the point write *W*.

d. The team shoots free throws at 4:15 p.m. Plot a point on the number line to represent this time. Above the point write *F*.

e. The team plays a practice game at 4:25 p.m. Plot a point on the number line to represent this time. Above the point write *G*.

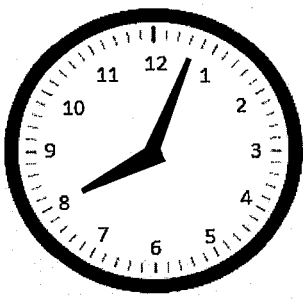
f. The team has a water break at 4:50 p.m. Plot a point on the number line to represent this time. Above the point write *B*.

g. The team reviews their plays at 4:55 p.m. Plot a point on the number line to represent this time. Above the point write *P*.

Name _____ Date _____

The clock shows what time Jason gets to school in the morning.

Arrival at School

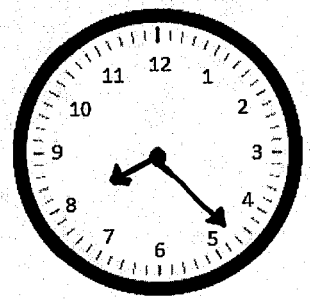


a. What time does Jason get to school?

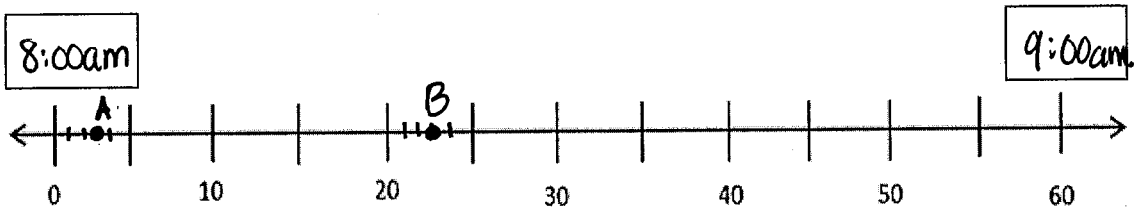
8:03

b. The first bell rings at 8:23. Draw hands on the clock to show when the bell rings.

School Begins

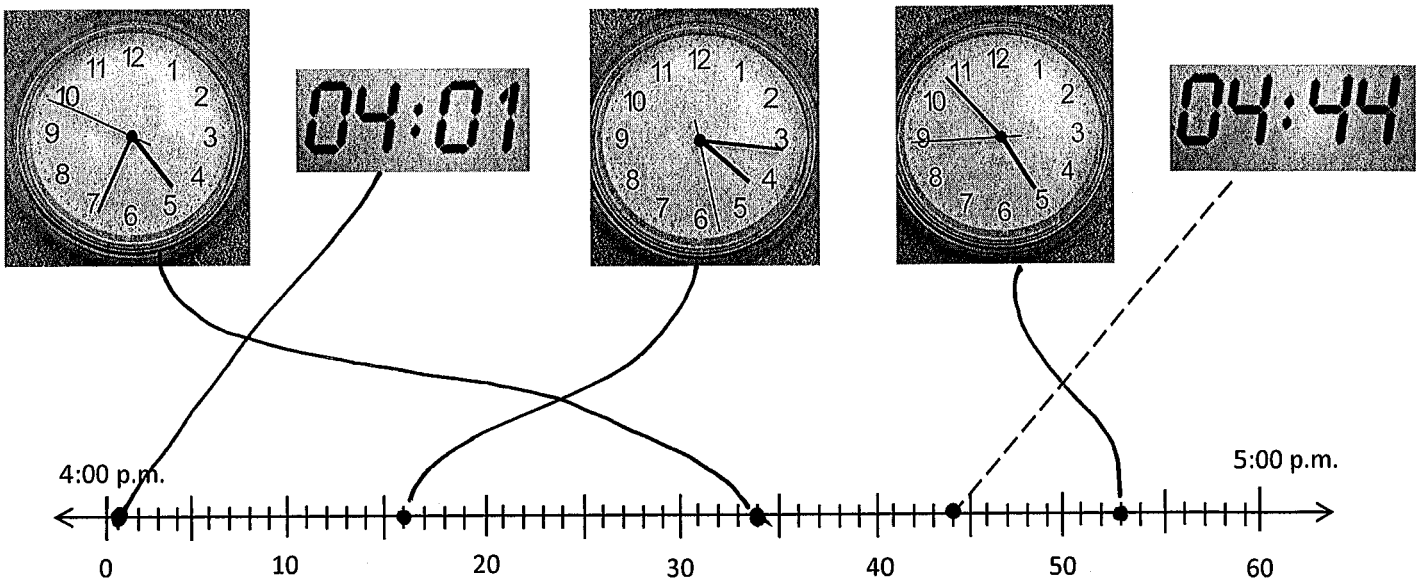


c. Label the first and last tick marks 8:00 a.m. and 9:00 a.m. Plot a point to show when Jason arrives at school. Label it *A*. Plot a point on the line when the first bell rings and label it *B*.

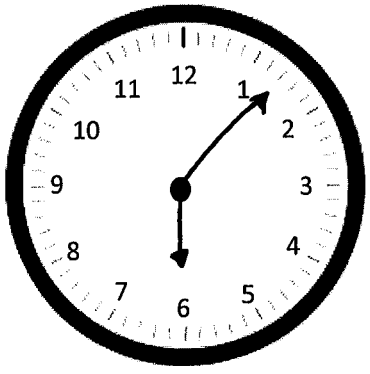


Name _____ Date _____

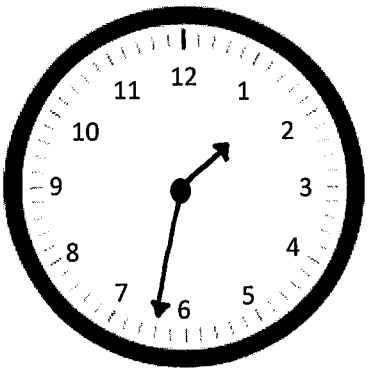
1. Plot points on the number line for each time shown on a clock below. Then draw lines to match the clocks to the points.



2. Julie eats dinner at 6:07 p.m. Draw hands on the clock below to show what time Julie eats dinner.



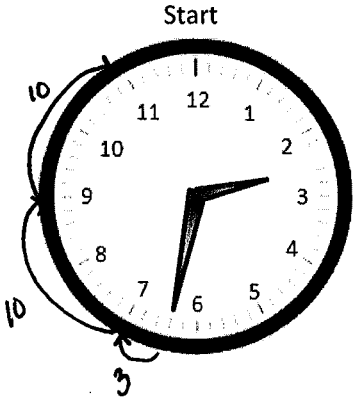
3. P.E. starts at 1:32 p.m. Draw hands on the clock below to show what time P.E. starts.



4. The clock shows what time Zachary starts playing with his action figures.

   a. What time does he start playing with his action figures?

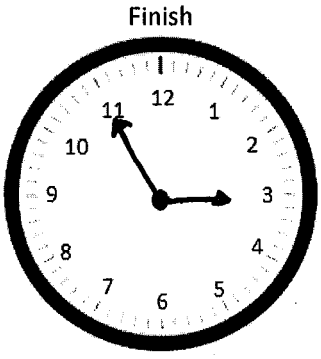
   2:32



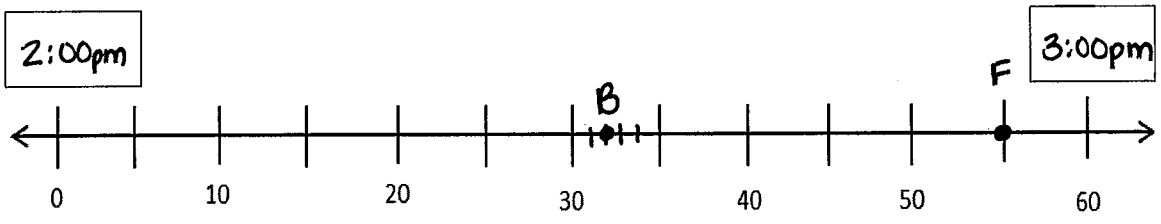
   b. He plays with his action figures for 23 minutes. What time does he finish playing?

   10 + 10 + 3 = 23 min

   c. Draw hands on the clock to the right to show what time Zachary finishes playing.



   d. Label the first and last tick marks with 2:00 p.m. and 3:00 p.m. Then plot Zachary's start and finish times. Label his start time with a *B* and his finish time with an *F*.



Name _____ Date _____

Directions: Use a number line to answer Problems 1 through 5.

1. Cole starts reading at 6:23 p.m. He stops at 6:49 p.m. How many minutes does Cole read?

Cole reads for 26 minutes.

2. Natalie finishes piano practice at 2:45 p.m. after practicing for 37 minutes. What time does Natalie's practice start?

Natalie's practice starts at 2:08 p.m.

3. Genevieve works on her scrapbook from 11:27 a.m. to 11:58 a.m. How many minutes does she work on her scrapbook?

Genevieve works on her scrapbook for 31 minutes.

4. Nate finishes his homework at 4:47 p.m. after working on it for 38 minutes. What time does Nate start his homework?

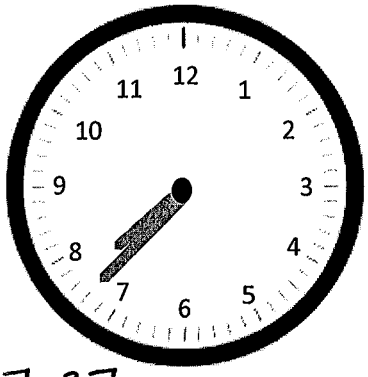
Nate starts his homework at 4:09 p.m.

5. Andrea goes fishing at 9:03 a.m. She fishes for 49 minutes. What time is Andrea done fishing?

Andrea is done fishing at 9:52 a.m.

6. Dion walks to school. The clocks below show when he leaves his house and when he arrives at school. How many minutes does it take Dion to walk to school?

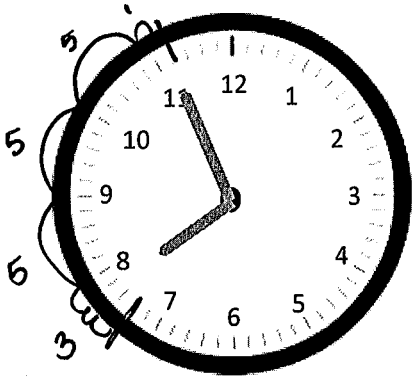
Dion leaves his house:



7:37 am

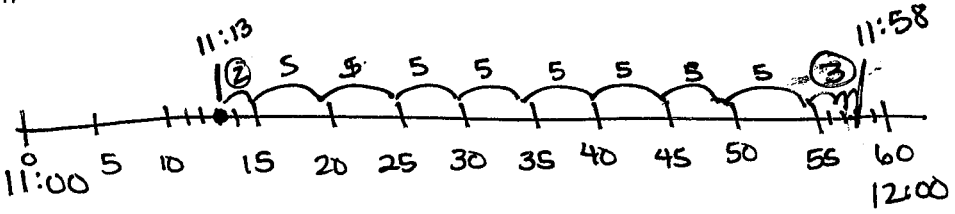
19 minutes

Dion arrives at school:



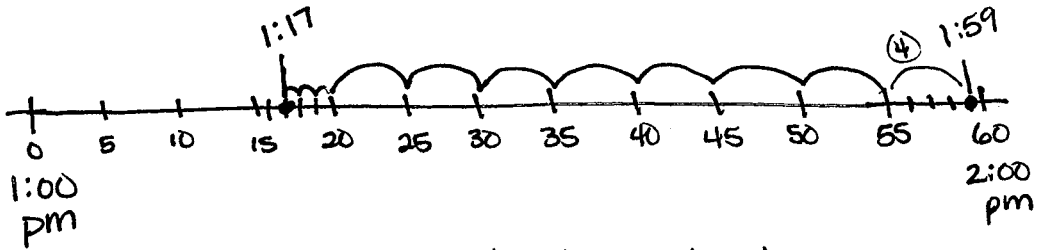
7:56 am

7. Sydney cleans her room for 45 minutes. She starts at 11:13 a.m. What time does Sydney finish cleaning her room?



Sydney finishes at 11:58

8. The third grade chorus performs a musical for the school. The musical lasts 42 minutes. It ends at 1:59 p.m. What time does the musical start?

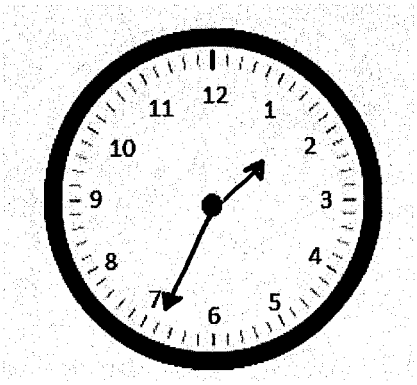


The musical started at 1:17pm.

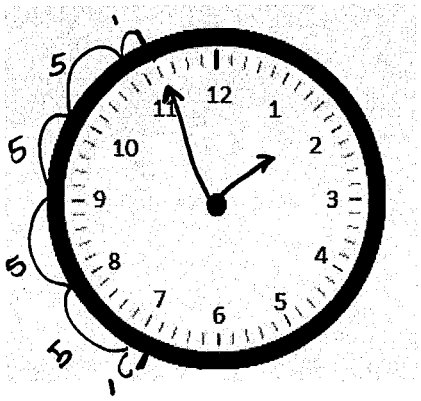
Name _____ Date _____

Independent reading time starts at 1:34 p.m. It ends at 1:56 p.m.

Draw the start time on the clock below.



Draw the end time on the clock below.



How many minutes does independent reading time last?

22 minutes

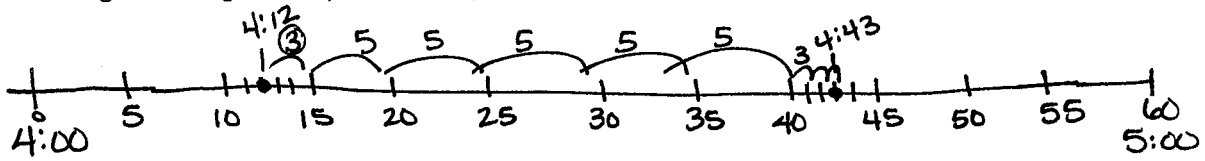
*Consider drawing in the number line template before copying homework (or atleast for some problems.)

Name _____ Date _____

Record your homework start time on the clock in Problem 6.

Directions: Use a number line to answer Problems 1 through 4.

1. Joy's mom begins walking at 4:12 p.m. She stops at 4:43 p.m. How many minutes does she walk?



Joy's mom walks for 31 minutes.

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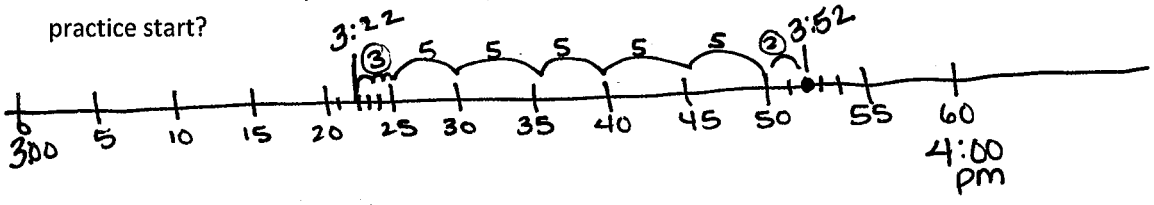
2. Cassie finishes softball practice at 3:52 p.m. after practicing for 30 minutes. What time does Cassie's practice start?



52 − 30 = 22

3:52 − :30 = 3:22

Cassie's practice starts at 3:22.

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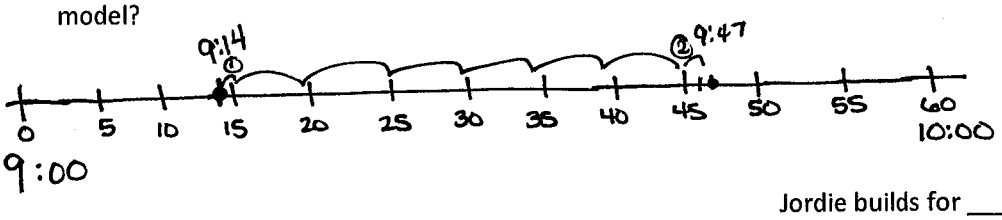
3. Jordie builds a model from 9:14 a.m. to 9:47 a.m. How many minutes does Jordie spend building his model?

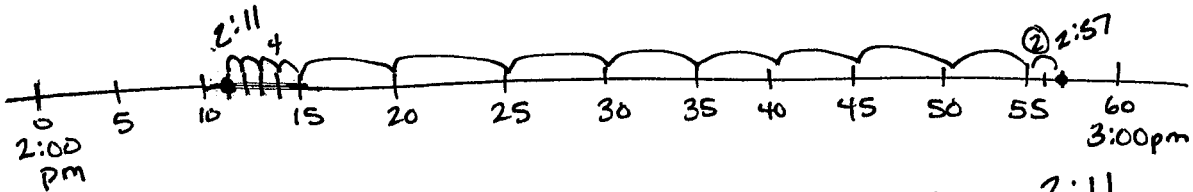


9:47 − 9:14 = :33

Jordie builds for 33 minutes.

---

4. Cara finishes reading at 2:57 p.m. She reads for a total of 46 minutes. What time did Cara start reading?

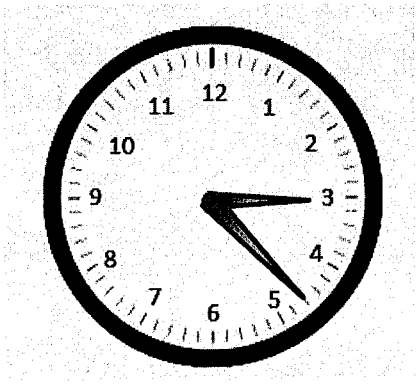


2:57 − :46 = 2:11

Cara starts reading at 2:11 p.m.

5. Jenna and her mom take the bus to the mall. The clocks below show when they leave their house and when they arrive at the mall. How many minutes does it take them to get to the mall?

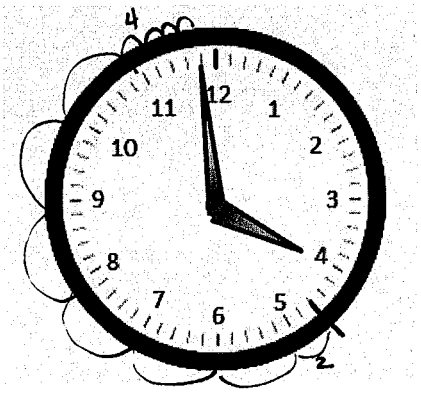
Time when they leave home:



3:23

36 minutes

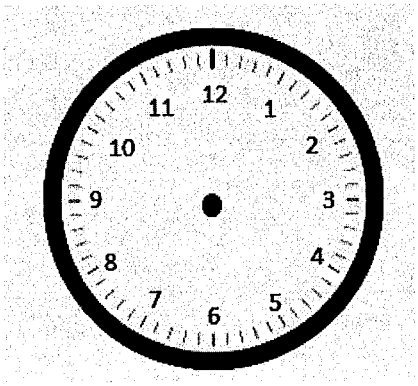
Time when they arrive at the mall:



3:59

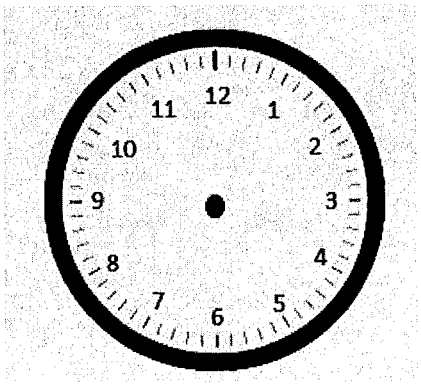
3:59
-3:23
:36

6. Record your homework start time:



Show work
Answers will vary.

Record the time you finish Problems 1–5:

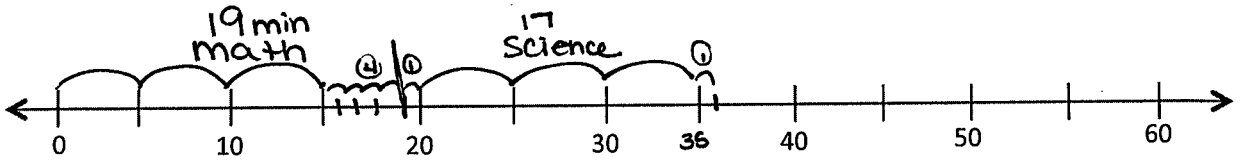


How many minutes did you work on Problems 1–5?

Name _____ Date _____

Michael spends 19 minutes on his math homework and 17 minutes on his science homework. How many minutes does Michael spend doing homework?

Model the problem on the number line and write an equation to solve.

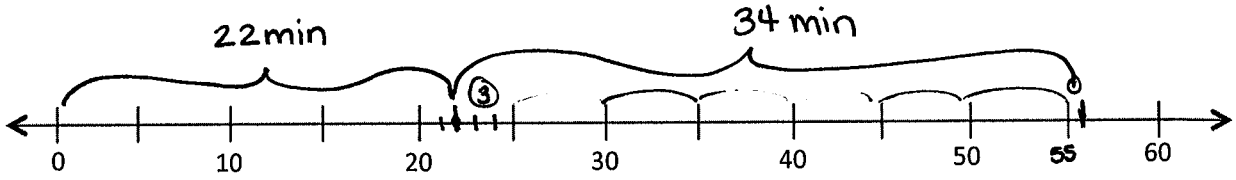


19 + 17 = 36

Michael spends 36 minutes on his homework.

Name _____ Date _____

1. Abby spent 22 minutes doing her science project yesterday and 34 minutes doing it today. How many minutes does Abby spend working on her science project altogether? Model the problem on the number line and write an equation to solve.



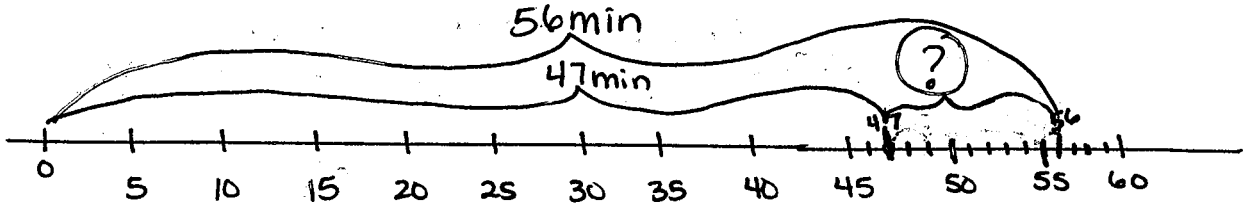
22 + 34 = 56

Abby spends 56 minutes.

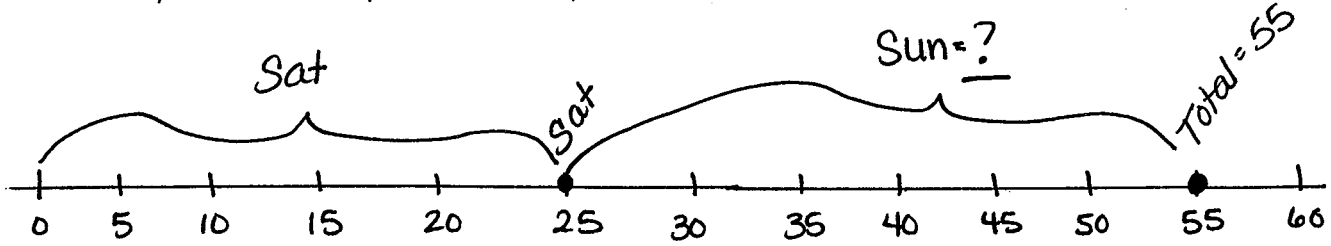
2. Susanna spends a total of 47 minutes working on her project. How many more minutes than Susanna does Abby spend working? Draw a number line to model the problem and write an equation to solve.

Abby − Susanna = difference (how many more minutes)

56 − 47 = 9 more minutes



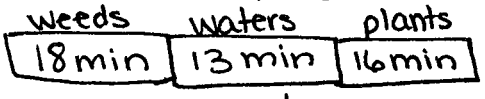
3. Peter practices violin for a total of 55 minutes over the weekend. He practices 25 minutes on Saturday. How many minutes does he practice on Sunday?



55 total − 25 on Sat = __ on Sunday

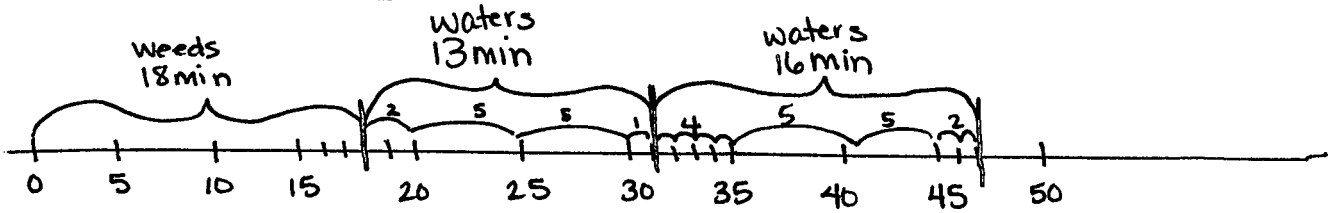
55 − 25 = 30 30 min on Sunday

4. a. Marcus gardens. He pulls weeds for 18 minutes, waters for 13 minutes, and plants for 16 minutes. How many total minutes does he spend gardening?



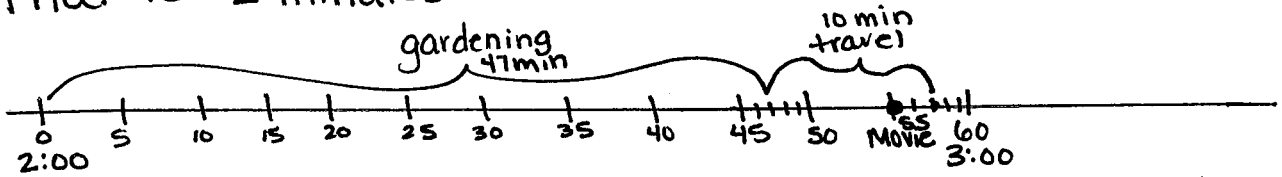
18 + 13 + 16 = 47 total minutes

$$\begin{array}{r} {\scriptstyle 1} \\ 18 \\ 13 \\ +16 \\ \hline 47 \end{array}$$

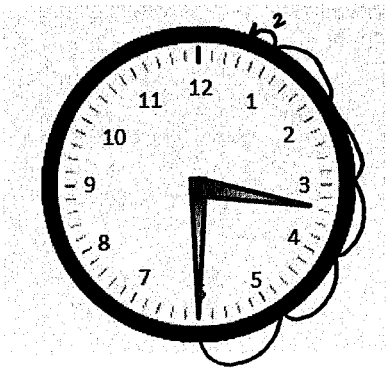


4. b. Marcus wants to watch a movie that starts at 2:55 p.m. It takes 10 minutes to drive to the theater. If Marcus starts the yard work at 2:00 p.m., can he make it on time for the movie? Explain your reasoning.

No. If Marcus starts yard work at 2:00 and it takes 47 minutes to complete, he will finish at 2:47. If he left right away and traveled 10 minutes, he would get to the theater at 2:57. That is 2 minutes after the movie starts.



5. Arelli takes a short nap after school. As she falls asleep the clock reads 3:03 p.m. She wakes up at the time shown below. How long is Arelli's nap?



27 minutes

$$\begin{array}{r} 3:{\overset{2}{3}}{\overset{10}{0}} \text{ end of nap} \\ -\ 3:03 \text{ begining of nap} \\ \hline 0:27 \text{ length of nap} \end{array}$$