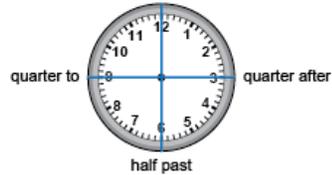


Activity 6 Assessment

Exploring Duration

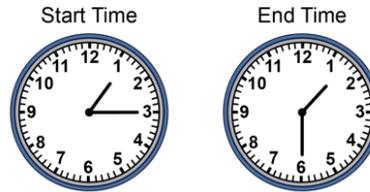
Exploring Duration

Tells time using fractions.



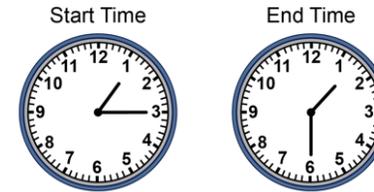
"It is quarter to three or two forty-five."

Determines duration in minutes



"I skip-count by 5s as the minute hand moves from 3 to 6: 5, 10, 15. The duration is 15 min."

Relates durations in minutes to fractions of an hour



"I know there are 4 groups of 15 min in 60 min. So, 15 min is $\frac{1}{4}$ h."

Observations/Documentation

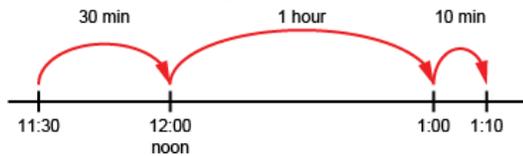
Activity 6 Assessment

Exploring Duration

Exploring Duration (cont'd)

Calculates duration of an event

On Saturday, Alicia visited her grandmother from 11:30 a.m. to 1:10 p.m.
How long did the visit last?



"The visit lasted 1 h 40 min or $1\frac{2}{3}$ h."

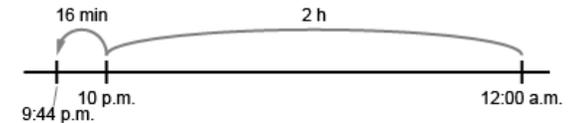
Compares durations using standard units

Start Time	End Time	Duration
12:18 p.m.	1:55 p.m.	1 h 37 min
11:23 a.m.	1:08 p.m.	1 h 45 min

"The second event lasted longer as $1\text{ h }45\text{ min} > 1\text{ h }37\text{ min}.$ "

Flexibly solves duration problems using various strategies and relationships among units

It is New Year's Eve. The clock will strike midnight in 136 min. What time is it?



"I know $1\text{ h} = 60\text{ min}$ and $2\text{ h} = 120\text{ min}$.
 $136\text{ min} = 120\text{ min} + 16\text{ min} = 2\text{ h and }16\text{ min}.$
Midnight is 12:00 a.m. The time is 9:44 p.m."

Observations/Documentation