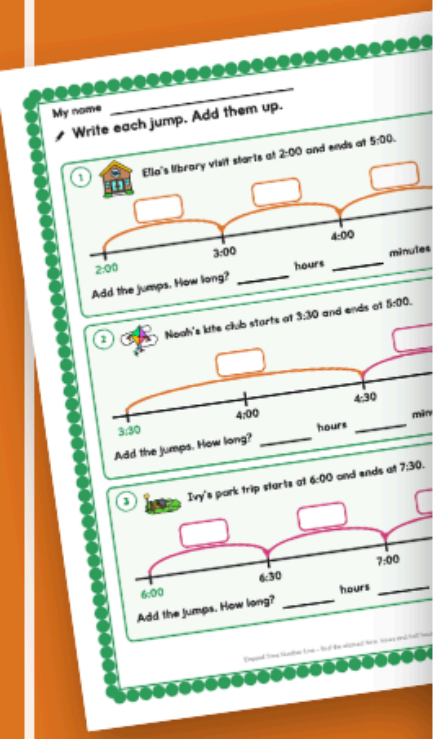
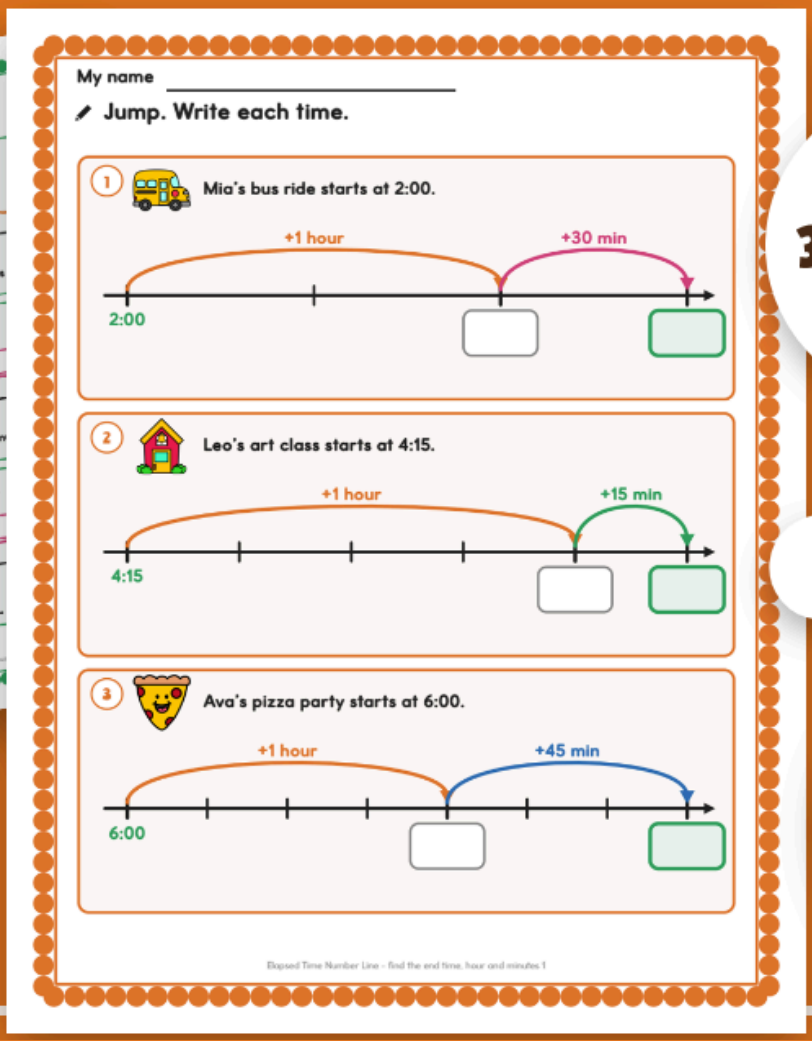
ELAPSED TIME NUMBER LINE WORKSHEETS

GRADES 2-3





34 PAGES

ANSWER KEY



Bright Path Sped

Preview · Bright Path Sped

Start Here

Elapsed Time Number Line Worksheets, grades 2-3

Quick start

1. Read the poster and the finished example together.
2. Hand out a page at each child's level.
3. Check with the answer key (pages 31 to 32).

What's inside

Activity	Pages	Level
How it works: a worked number line, three steps and the four jump sizes	3	any level
A finished example: two clocks, a story and a number line, every step checked	4	any level
Find the end time, whole hours and half hours: 6 number lines, jumps drawn	5, 6	starting
Find the end time, quarter hours and 5 minutes: 6 number lines, jumps drawn	7, 8	building
Find the end time, an hour jump plus minutes: 6 number lines	9, 10	ready for more
Find the elapsed time, hours and half hours: write each jump, then add	11	starting
Find the elapsed time, quarter hours and 5 minutes	12, 13	building
Find the elapsed time, an hour plus minutes	14	ready for more
Find the start time, jump back: 9 number lines	15, 16	building
Find the start time, 5 minute jumps back	17	ready for more
Word problems, draw your own jumps: end time	18, 19	building
Word problems, draw your own jumps: elapsed time and start time	20, 21	ready for more
Match a number line to a story: 8 stories	22, 23	building
Cut and glue: 6 stories, 6 number lines to cut	24 to 26	building
Blank number lines: 9 lines with write-in boxes (30, 15 and 5 minute ticks) and a page for a story of your own	27 to 30	any level

How to use it

- Elapsed time is how much time passes from a start time to an end time. On a number line the child starts at the start time and jumps to the right, one jump at a time. Begin with the poster (page 3) and the finished example (page 4).
- Jump sizes are colored the same on every page: 5 minutes purple, 15 minutes green, 30 minutes pink, 1 hour orange.
- Three levels, named in the Level column above (student pages carry no level mark, so nobody's paper looks easier or harder): **starting** , whole and half hours with the jumps drawn; **building** , quarter hours, 5 minutes, start times and matching; **ready for more** , an hour plus minutes, elapsed time between two times, and word problems with a blank line.
- The blank number lines (pages 27 to 30) are for your own times: write the first time in a box and let children fill the rest, or give a story. Times are written without a.m. or p.m.
- The cutting page (26) has six pieces edge to edge, so each cut is one straight line.

Good to know

Every time, tick mark, jump label and answer in this pack is worked out by the same computer code that draws the number line, so the line and the key always agree. Names and stories are invented. Our class times:

_____

PREVIEW

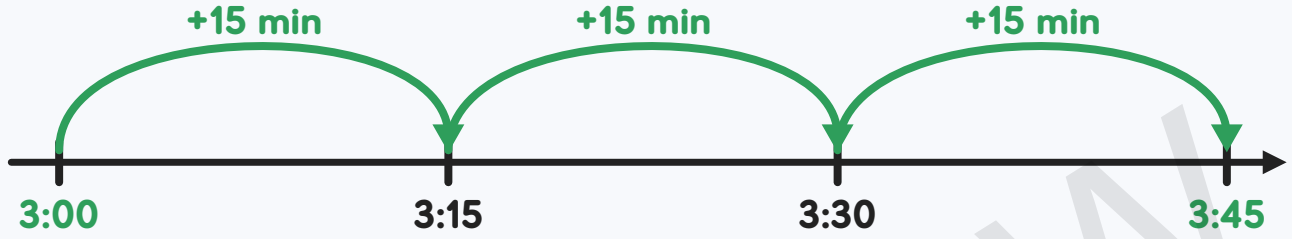
Preview - Bright Path Shed

My name _____

Read the number line. Point to each jump.

How an Elapsed Time Number Line Works

Start 3:00. Jump 3 times. End 3:45.



1. Find the start time on the line.
2. Jump to the right. Write each time.
3. The last time is the end time.

Jump sizes. Each size has its own color.

+5 min	+15 min	+30 min	+1 hour
one jump	one jump	one jump	one hour

Start time plus the jumps is the end time.

3:00 plus 45 minutes is 3:45.

PREVIEW

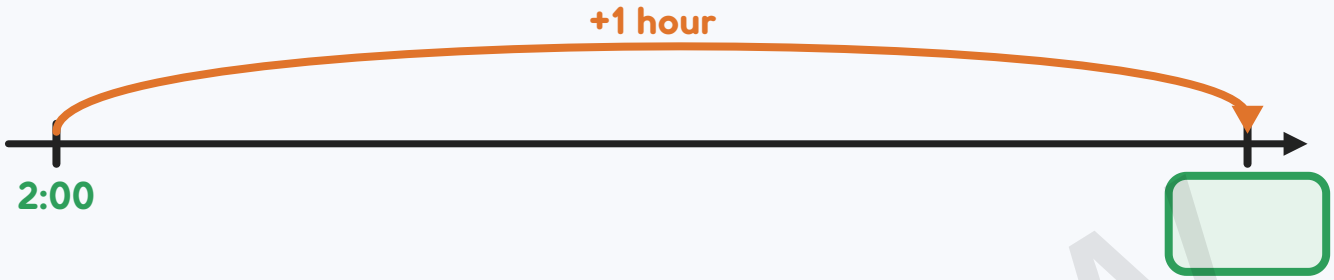
Preview - Bright Path Shed

My name _____

Jump. Write each time.

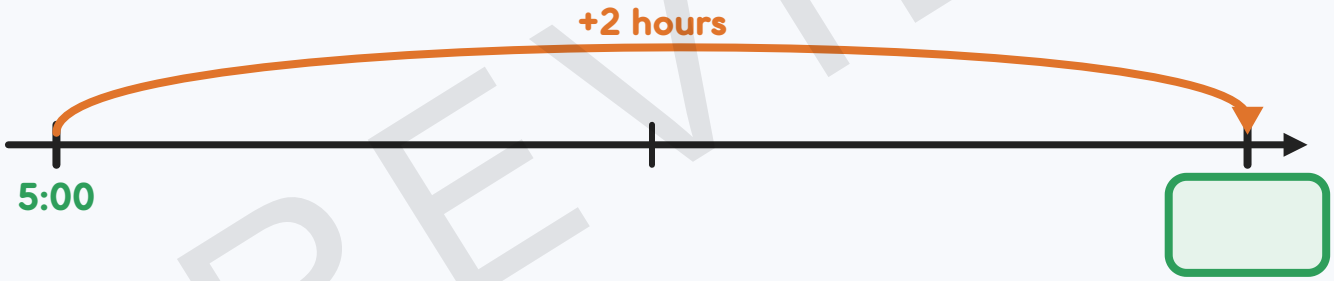
1 

Mia's baking class starts at 2:00.



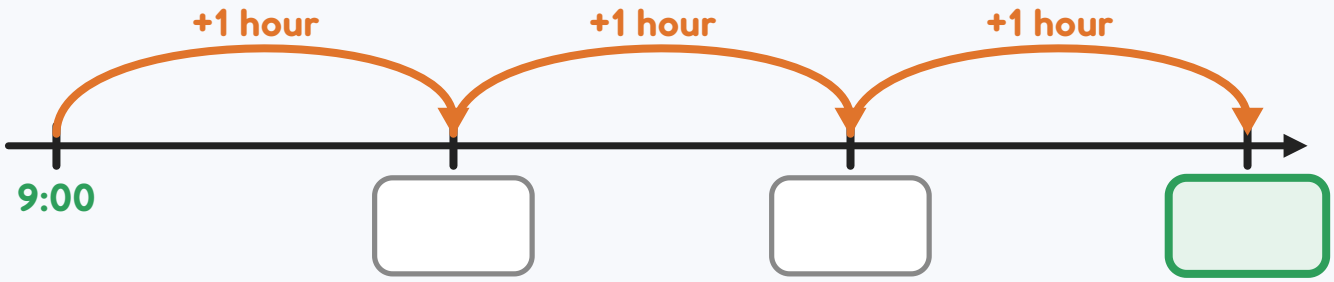
2 

Leo's bus ride starts at 5:00.



3 

Ava's art class starts at 9:00.



PREVIEW

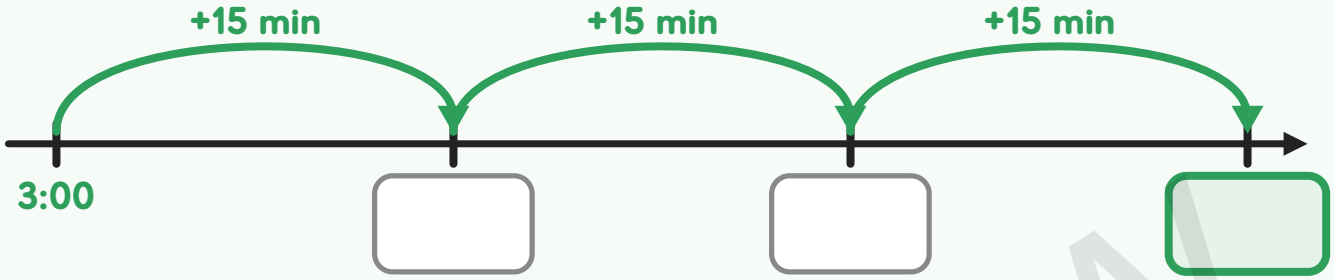
Preview - Bright Path Sped

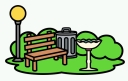
My name _____

Jump. Write each time.

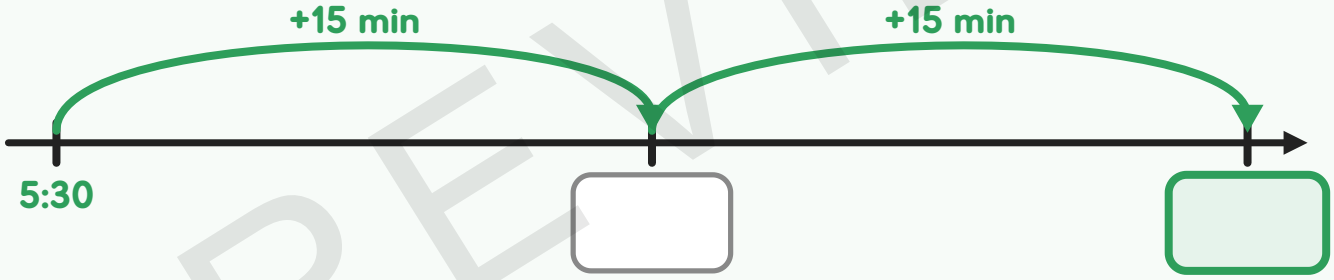
1 

Ella's kite club starts at 3:00.



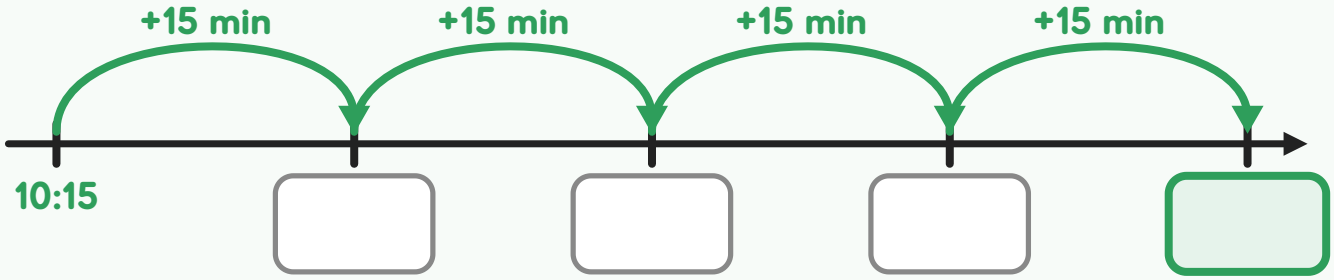
2 

Noah's park trip starts at 5:30.



3 

Ivy's movie night starts at 10:15.



PREVIEW

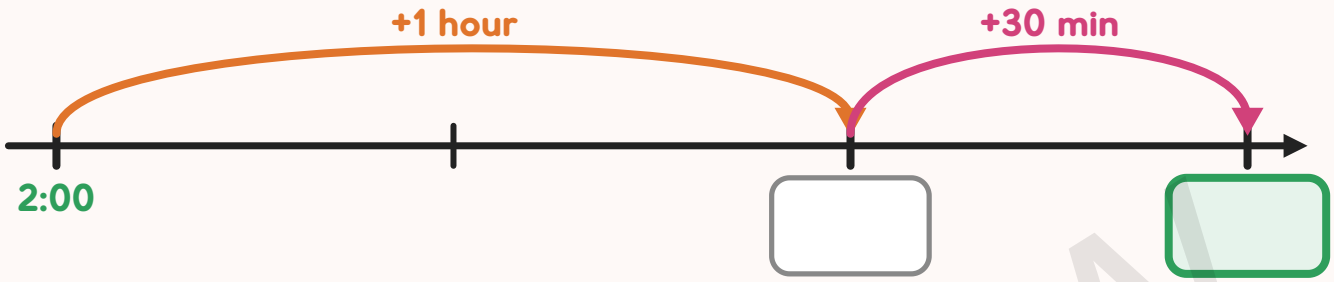
Preview - Bright Path Sped

My name _____

Jump. Write each time.

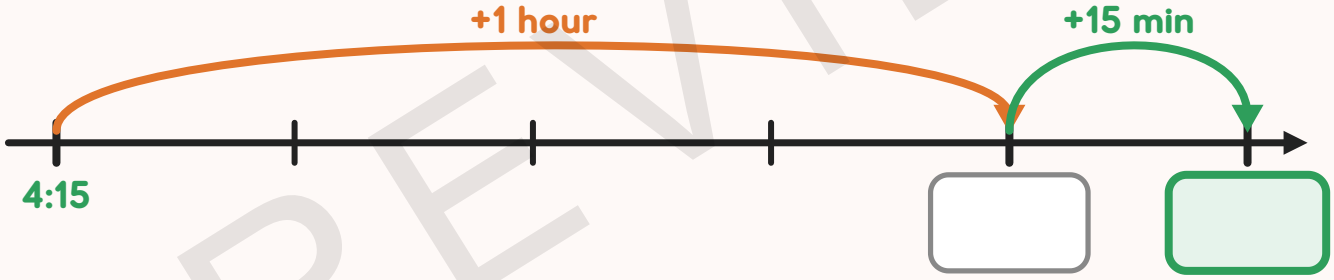
1 

Mia's bus ride starts at 2:00.



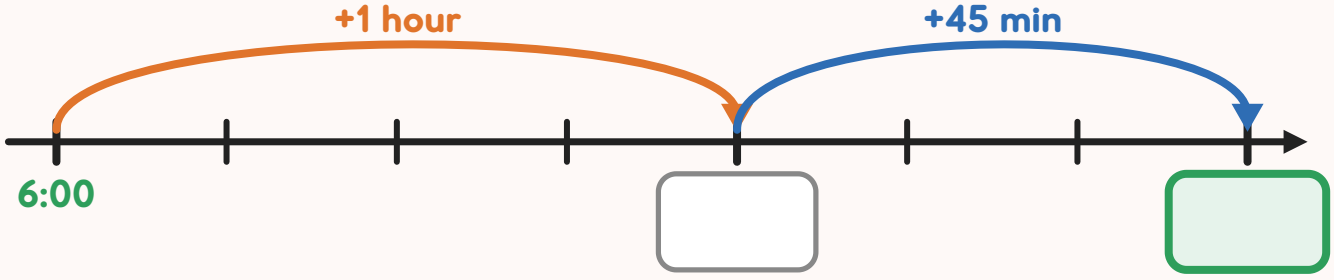
2 

Leo's art class starts at 4:15.



3 

Ava's pizza party starts at 6:00.



PREVIEW

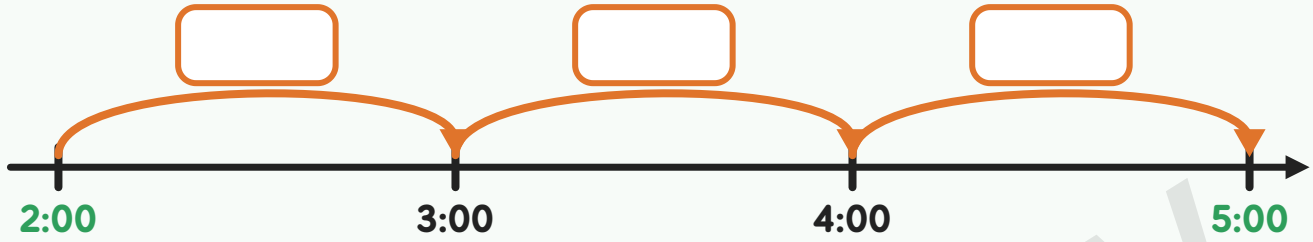
Preview - Bright Path Sped

My name _____

Write each jump. Add them up.

1 

Ella's library visit starts at 2:00 and ends at 5:00.



Add the jumps. How long? _____ hours _____ minutes

2 

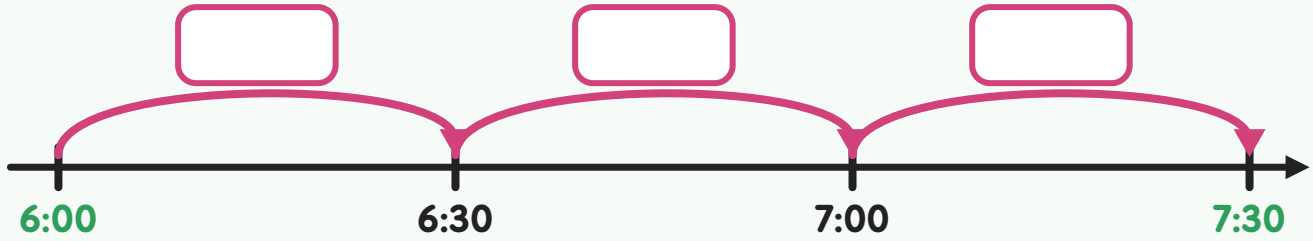
Noah's kite club starts at 3:30 and ends at 5:00.



Add the jumps. How long? _____ hours _____ minutes

3 

Ivy's park trip starts at 6:00 and ends at 7:30.



Add the jumps. How long? _____ hours _____ minutes

PREVIEW

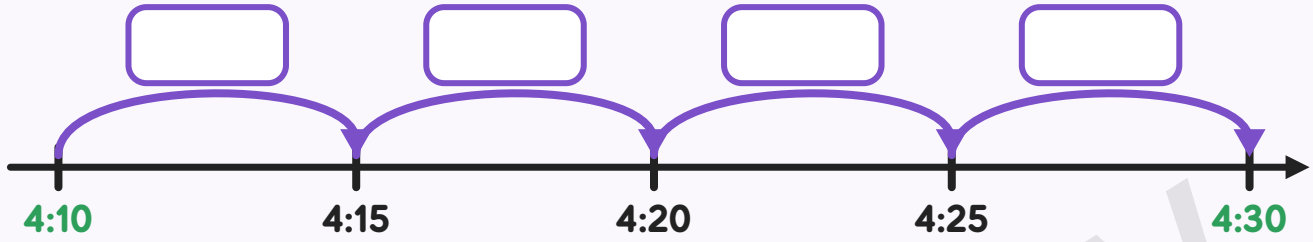
Preview - Bright Path Sped

My name _____

Write each jump. Add them up.

1 

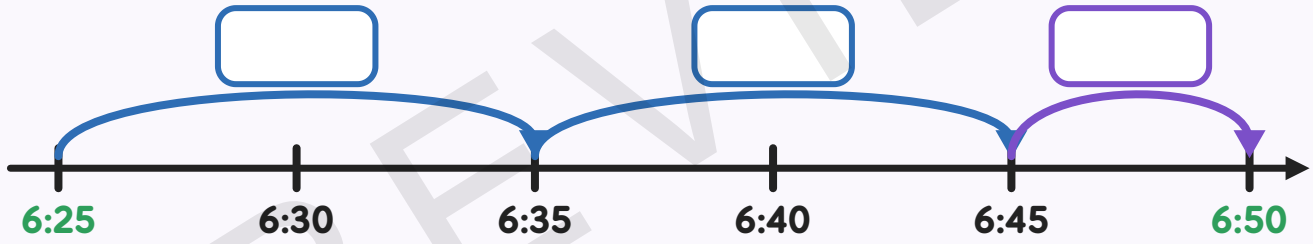
Mia's art class starts at 4:10 and ends at 4:30.



Add the jumps. How long? _____ hours _____ minutes

2 

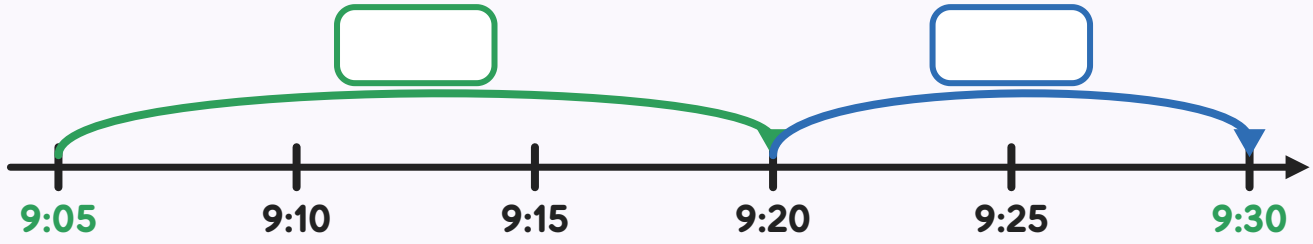
Leo's pizza party starts at 6:25 and ends at 6:50.



Add the jumps. How long? _____ hours _____ minutes

3 

Ava's ball game starts at 9:05 and ends at 9:30.



Add the jumps. How long? _____ hours _____ minutes

PREVIEW

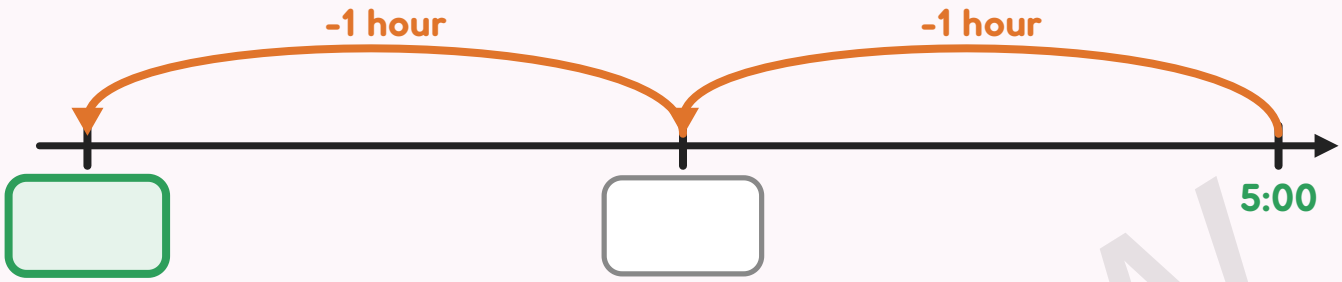
Preview - Bright Path Sped

My name _____

Jump back. Write each time.

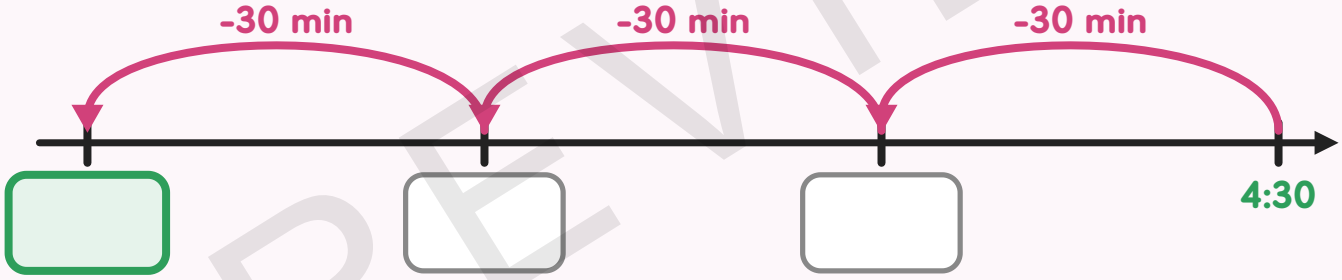
1 

Ella's kite club ends at 5:00.



2 

Noah's park trip ends at 4:30.



3 

Ivy's movie night ends at 6:30.



PREVIEW

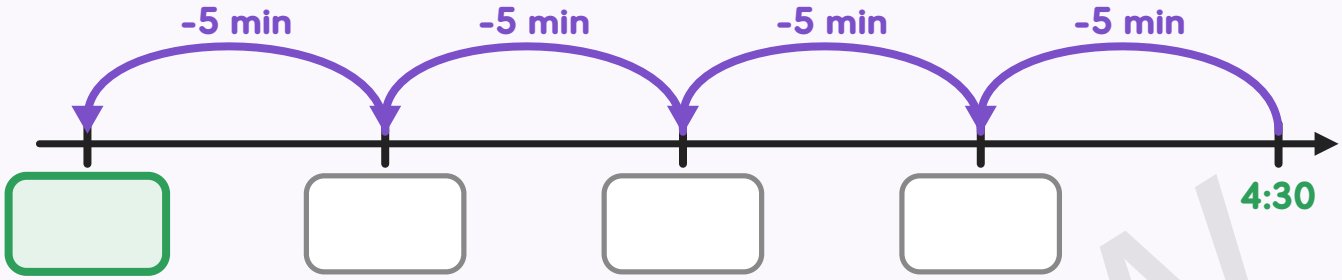
Preview - Bright Path Sped

My name _____

Jump back. Write each time.

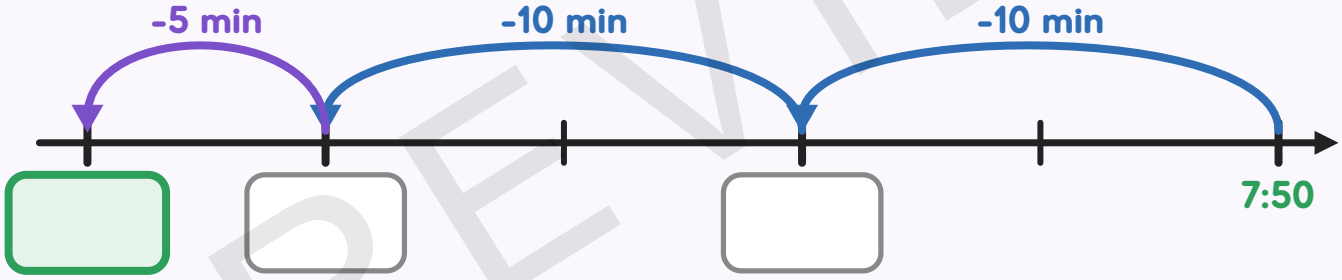
1 

Mia's bus ride ends at 4:30.



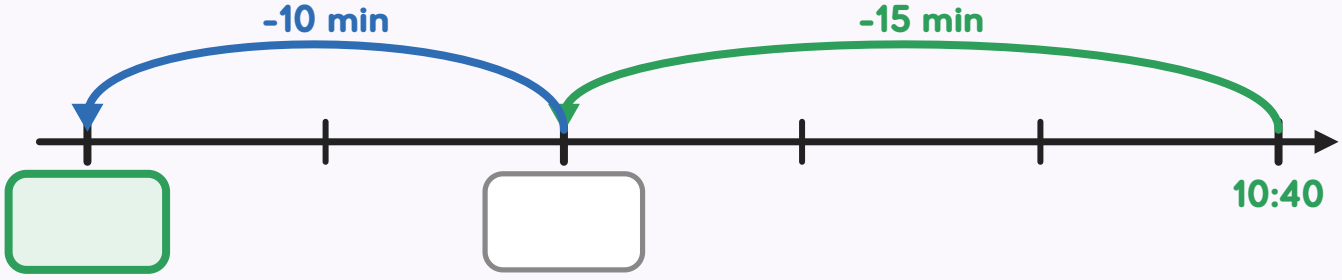
2 

Leo's art class ends at 7:50.



3 

Ava's pizza party ends at 10:40.



PREVIEW

Preview - Bright Path Sped

My name _____

Draw the jumps. Write the answer.

1



Zoe's kite club starts at 3:10 and ends at 3:55. How long does it last?



It lasts _____ hours _____ minutes

2



Max's ball game starts at 10:30 and ends at 12:15. How long does it last?



It lasts _____ hours _____ minutes

PREVIEW

Preview - Bright Path Sped

My name _____

Draw a line from each story to its number line.

1



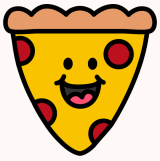
Mia's park trip starts at 3:15. It lasts 45 minutes.

2



Leo's library visit starts at 1:00. It lasts 1 hour.

3



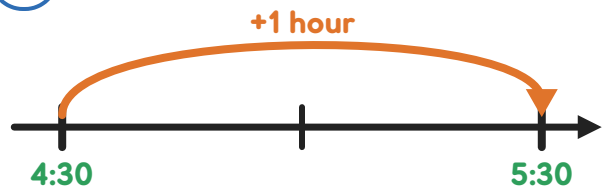
Ava's pizza party starts at 4:30. It lasts 1 hour.

4

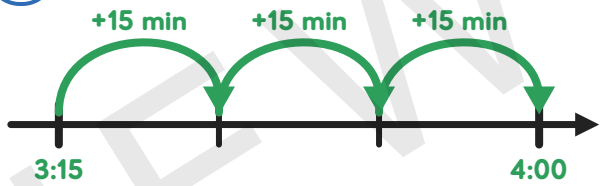


Sam's ball game starts at 9:00. It lasts 1 hour 30 minutes.

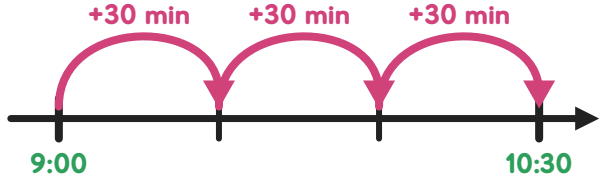
A



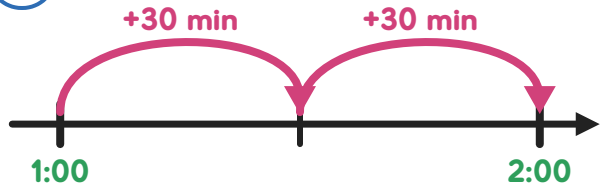
B



C



D



Say the start time. Say how long. Then draw your line.

PREVIEW

Preview - Bright Path Sped

My name _____

Read the story. Glue its number line.

1



Mia's baking class starts at 3:00. It lasts 45 minutes.

It ends at _____ : _____

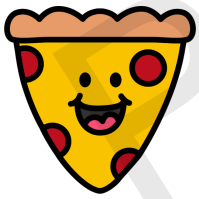
2



Leo's park trip starts at 5:30. It lasts 1 hour.

It ends at _____ : _____

3



Ava's pizza party starts at 8:15. It lasts 30 minutes.

It ends at _____ : _____

PREVIEW

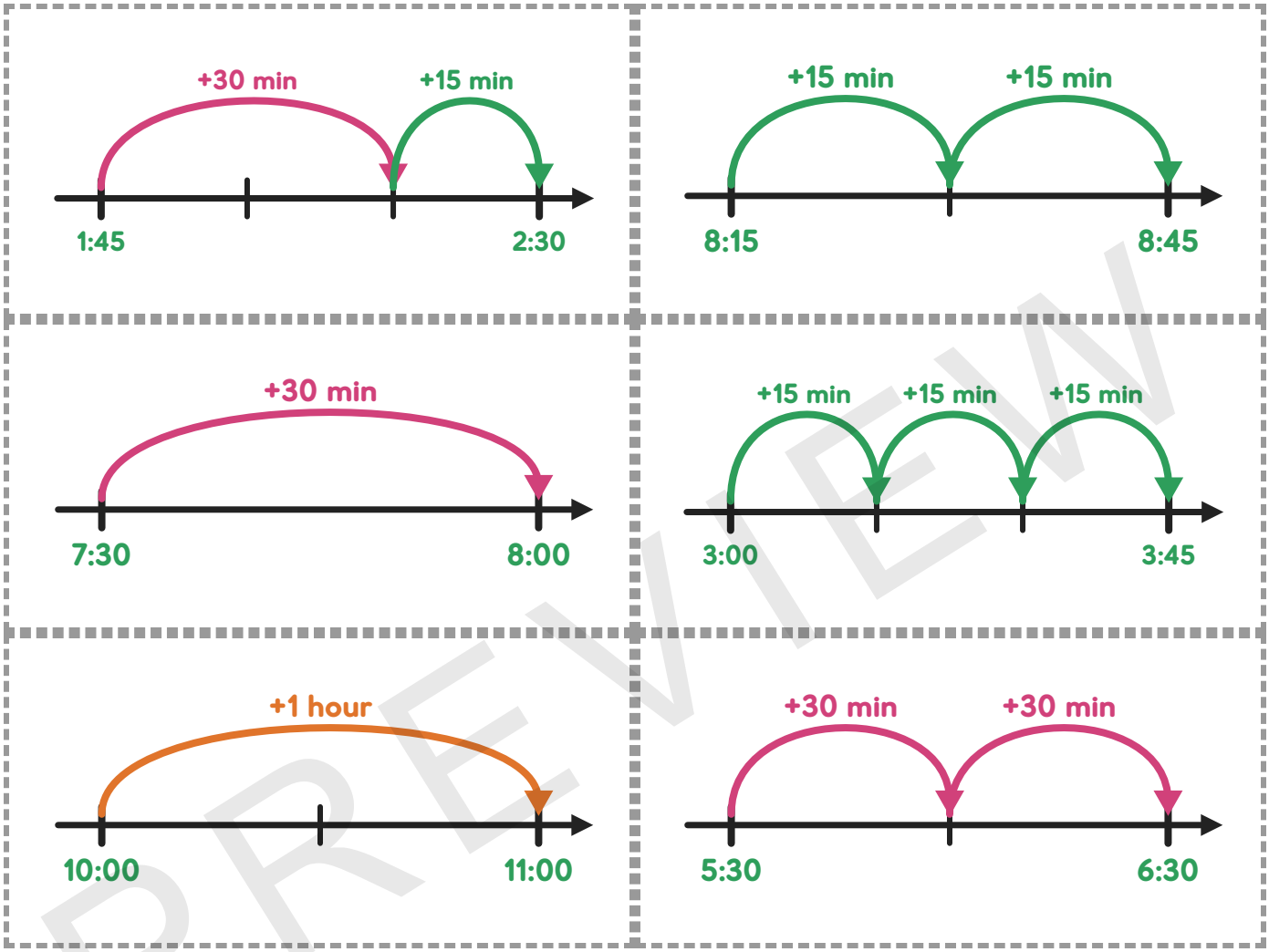
The number lines are on page 26. Glue each one in its box.

Preview - Bright Path Sped

My name _____

✂ Cut out each number line.

6 number lines: 3 for page 24 and 3 for page 25



PREVIEW

Remember

Find the start time on the line.
Count the jump. Match the story.

Glue each one next to its story.

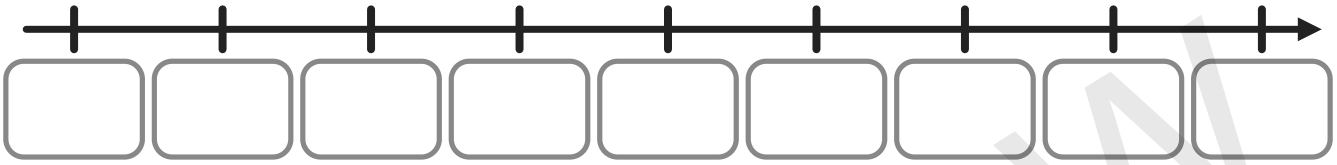
Preview - Bright Path Shed

My name _____

Write the times. Draw the jumps.

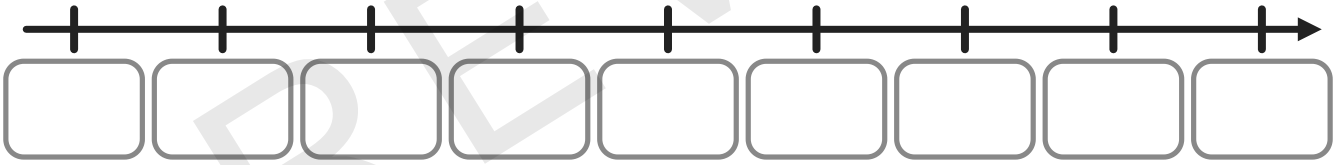
1 Story or times:

_____



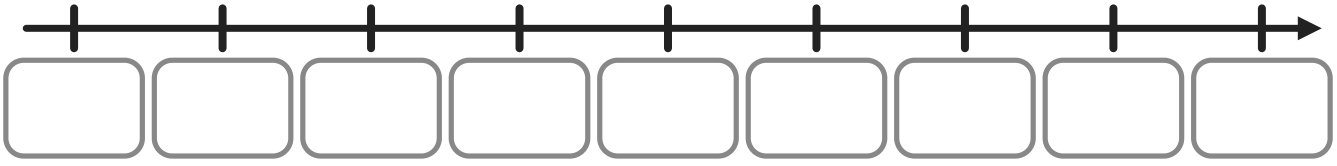
2 Story or times:

_____



3 Story or times:

_____



PREVIEW

Preview - Bright Path Shed

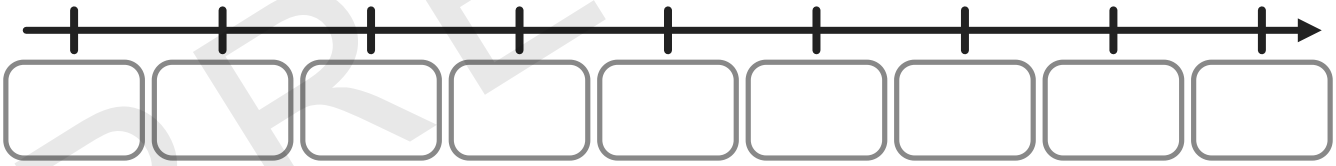
My name _____

Write your own story. Show it on the line.

My own story

PREVIEW

Draw your jumps. Write the times.



The start time is _____

The end time is _____

How long? _____ hours _____ minutes

Preview - Bright Path Sped

Answer Key (2 of 2)

Page 15: find the start time

1. 5:00, 4:00, 3:00. Start time 3:00.
2. 4:30, 4:00, 3:30, 3:00. Start time 3:00.
3. 6:30, 5:30, 5:00. Start time 5:00.

Page 16: find the start time

1. 3:45, 3:30, 3:15, 3:00. Start time 3:00.
2. 8:30, 8:00, 7:45. Start time 7:45.
3. 12:00, 11:00, 10:45. Start time 10:45.

Page 17: find the start time

1. 4:30, 4:25, 4:20, 4:15, 4:10. Start time 4:10.
2. 7:50, 7:40, 7:30, 7:25. Start time 7:25.
3. 10:40, 10:25, 10:15. Start time 10:15.

Page 18: word problems

1. 3:15 plus 45 minutes is 4:00.
2. 11:30 plus 1 hour 30 minutes is 1:00.

Page 19: word problems

1. 2:40 plus 25 minutes is 3:05.
2. 4:05 plus 55 minutes is 5:00.

Page 20: word problems

1. 3:10 to 3:55 is 45 minutes.
2. 10:30 to 12:15 is 1 hour 45 minutes.

Page 21: word problems

1. 4:30 minus 1 hour 15 minutes is 3:15.
2. 5:50 minus 35 minutes is 5:15.

Page 22: match

1 goes with B, 2 goes with D, 3 goes with A, 4 goes with C.

1. 3:15 to 4:00, 45 minutes.
2. 1:00 to 2:00, 1 hour.
3. 4:30 to 5:30, 1 hour.
4. 9:00 to 10:30, 1 hour 30 minutes.

Page 23: match

1 goes with C, 2 goes with D, 3 goes with B, 4 goes with A.

1. 2:00 to 3:30, 1 hour 30 minutes.
2. 6:15 to 6:45, 30 minutes.
3. 10:30 to 11:00, 30 minutes.
4. 11:45 to 12:30, 45 minutes.

Pages 24 to 26: cut and glue

Story 1: 3:00 to 3:45, 45 minutes. The line is piece 4 on page 26 (count across, top row first). It ends at 3:45.

Story 2: 5:30 to 6:30, 1 hour. The line is piece 6 on page 26 (count across, top row first). It ends at 6:30.

Story 3: 8:15 to 8:45, 30 minutes. The line is piece 2 on page 26 (count across, top row first). It ends at 8:45.

Story 4: 10:00 to 11:00, 1 hour. The line is piece 5 on page 26 (count across, top row first). It ends at 11:00.

Story 5: 1:45 to 2:30, 45 minutes. The line is piece 1 on page 26 (count across, top row first). It ends at 2:30.

Story 6: 7:30 to 8:00, 30 minutes. The line is piece 3 on page 26 (count across, top row first). It ends at 8:00.

Pages 27 to 30: blank number lines

Answers vary. To check a line, read it from left to right: is each tick the same distance in minutes from the last? Does the end time match the story? Ask the child to say each jump out loud.

All names and stories are invented. A child may jump in different sizes (for example 30 minutes and 30 minutes instead of 1 hour) and still be right: check that the jumps add to the same total.

PREVIEW