



How Long Does It Take?



Watch video

MathApex

Name: _____

Date: _____

From the videoFrom 9:40 to 10:20: 20 minutes to 10:00, then 20 → $20 + 20 = 40$ min**1 Now it's your turn!**

A trip lasts from 2:50 to 4:10. How many minutes is that?



First to the full hour, then on: 10 minutes to 3:00, then 70 more minutes.

$10 + 70 = \boxed{} \text{ min}$

3 Hours and minutes.

$3 \text{ h } 10 \text{ min} = \boxed{} \text{ min}$

$2 \text{ h } 5 \text{ min} = \boxed{} \text{ min}$

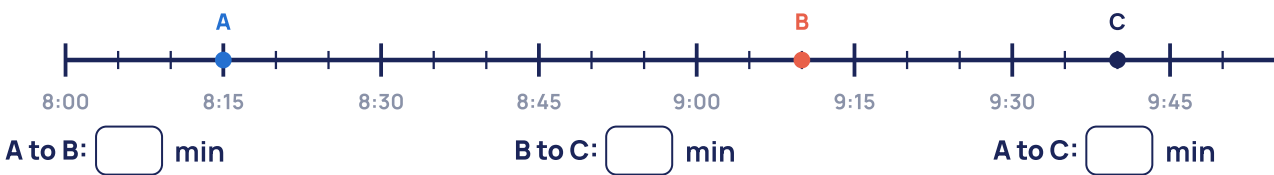
$150 \text{ min} = \boxed{} \text{ h } \boxed{} \text{ min}$

$125 \text{ min} = \boxed{} \text{ h } \boxed{} \text{ min}$

5 Think backwards.

a) Start 2:15, duration 50 minutes. When does it end?

b) Start 11:40, duration 35 minutes. When does it end?

6 The time line.**2 Read the clock.****4 How long does it take?**

a) From 10:50 to 12:00:

$\boxed{} \text{ min}$

b) From 1:40 to 2:25:

$\boxed{} \text{ min}$

First to the full hour, then on.

★ Brain teaser

A film starts at 4:20 and lasts 1 hour and 35 minutes. When does it end?



How Long Does It Take?

**1 Now it's your turn!**

$$10 + 70 = 80 \text{ minutes}$$

2:50 → 3:00 is 10 min, 3:00 → 4:10 is 70 min.

2 Read the clock.

3:40 9:50 11:05

3 Hours and minutes.

$$3 \text{ h } 10 \text{ min} = 190 \text{ min} \quad 2 \text{ h } 5 \text{ min} = 125 \text{ min}$$

$$150 \text{ min} = 2 \text{ h } 30 \text{ min} \quad 125 \text{ min} = 2 \text{ h } 5 \text{ min}$$

4 How long does it take?

10:50 to 12:00: 70 min

1:40 to 2:25: 45 min

5 Think backwards.

$$2:15 + 50 \text{ min} = 3:05$$

$$11:40 + 35 \text{ min} = 12:15$$

★ Brain teaser

$$4:20 + 95 \text{ min} = 5:55$$

6 The time line.

A to B: 55 min B to C: 30 min A to C: 85 min

For parents and teachers: This worksheet goes with the video “How Long Does It Take?” (Math Story 71, Grade 4). Time spans are calculated in steps: to the full hour, then on. 1 hour = 60 minutes.

More Math Stories with video and worksheet: www.mathapex.app/en/math-stories/