

Converting between units of time

WHAT THIS LESSON TEACHES

60 seconds make a minute, 60 minutes make an hour, and 24 hours make a day.

→ A film that lasts 2 hours runs for 120 minutes.

→ 3 hours $\times$ 60 = 180 minutes.

MODEL THIS ON THE BOARD

CONVERT $2\frac{1}{2}$ HOURS TO MINUTES

- 1 Write 2 hours as $2 \times 60 = 120$ minutes.
- 2 Write the half hour as $\frac{1}{2} \times 60 = 30$ minutes.
- 3 Add the parts: $120 + 30 = 150$ minutes.

ANSWER KEY

Scaffold: visual check on the page

Q1: 300 minutes

Q2: 285 minutes

Q3: 180 minutes

Q4: 3 hours

Q5: 72 hours

a) Always — Because $2 \times 60 = 120$.

b) Never — Time does not work that way.

c) Never — A quarter of 60 minutes is 15 minutes.

d) Always — Because $3 \times 24 = 72$.

EXTENSION SHEET · STRETCH ANSWERS

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