



## Lesson 2.2: Extreme weather – math

### Answers

#### Question 1

Answer:

Middle watch

Morning watch

Forenoon watch

Afternoon watch

Dog watch

First watch

How do you think these watches were divided over the crew?

Answer: The crew was divided into watches. A watch lasted four hours or eight glasses. A 'glass' was an hourglass that lasted half an hour. Aboard The Unity there were five half-hour glasses and one four-hour glass. There were six watches each lasting four hours. The dog watch (between 4p.m. and 8p.m.) was divided into two watches each lasting two hours, so everybody had a chance to eat. Various interpretations are possible for this answer.

#### Question 2

Answer: with an hourglass (a 'glass').

#### Question 3

Twenty past ten in the evening

Ten to nine in the morning

A quarter to two in the afternoon

Ten past three in the afternoon

A quarter past five in the afternoon

Eight minutes past seven in the morning

Thirty-eight minutes past six in the evening (or afternoon)

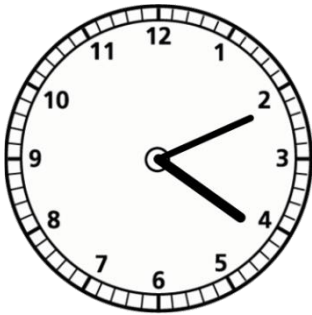
Thirty-three minutes past four in the morning

Six minutes past twelve in the afternoon

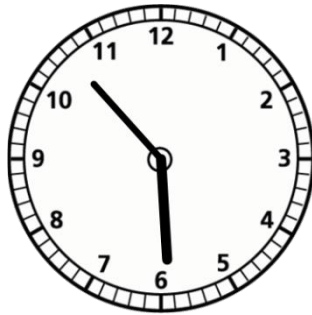
Five to eleven in the evening

Question 4

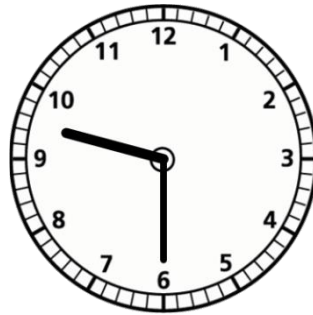
Answer:



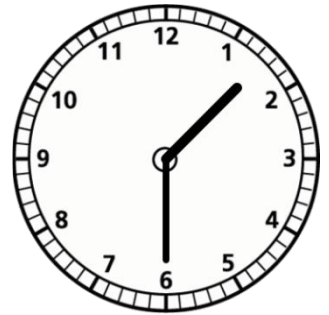
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5:53



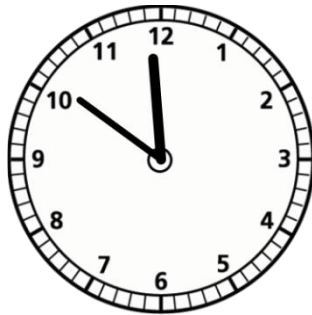
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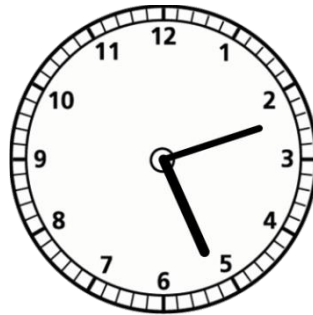
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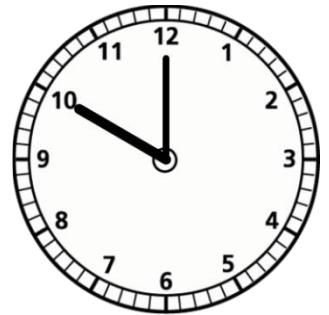
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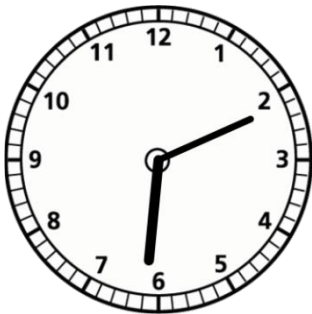
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5:12



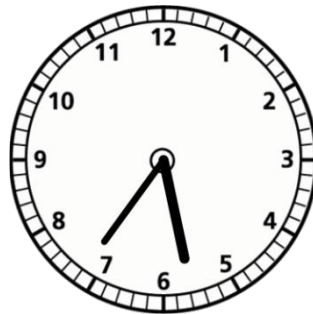
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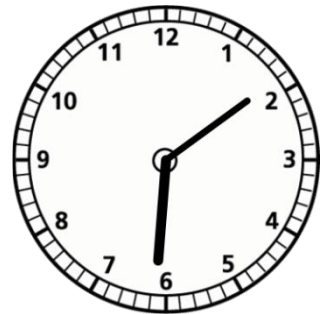
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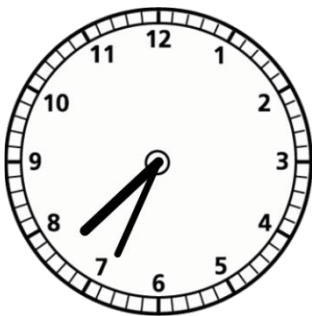
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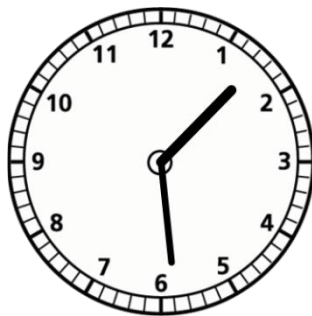
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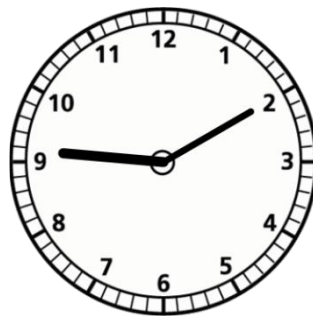
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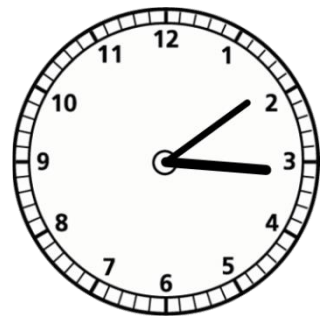
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9:10



3:09