Info Gap: Running to the Dentist

Problem Card 1

Jada usually runs a 5 kilometer distance in around 25 minutes. She wonders if listening to music helps her run the distance in under 25 minutes. Complete the two-way table using information for her runs during March.

	under 25 minutes	25 minutes or more	total
headphones on		4	
headphones off			
total			28

1. How many of her runs took less than 25 minutes?
2. Among the runs that took under 25 minutes, what fraction of them were completed without headphones on?

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Data Card 1

- Jada ran with headphones on 10 times.
- 10 of Jada's runs that took 25 minutes or longer were completed without headphones on.
- Half of Jada's runs took 25 minutes or more.

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Problem Card 2

Complete the two-way table about the dental hygiene habits of 100 people.

	floss	don't floss	total
use mouthwash			
no mouthwash			
total			100

1. Among the people who do not use mouthwash, how many more do not use floss than do?
2. What percentage of the people responded that they use mouthwash, but do not floss?

Info Gap: Running to the Dentist

Data Card 2

- 40 people responded that they use mouthwash.
- Of the people who use mouthwash, 30 people use floss.
- 55 people responded that they do not floss.
- 45 people responded that they don't floss and don't use mouthwash.

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