

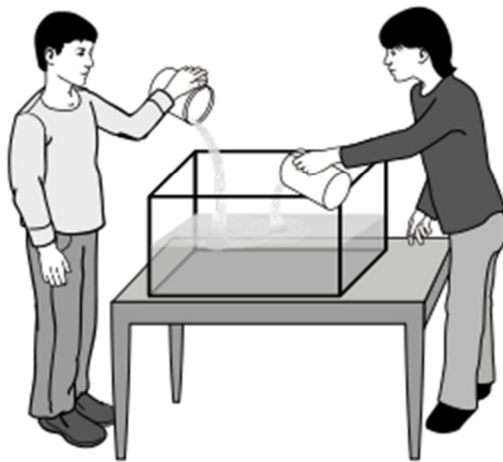
TIMSS 2019 – Restricted Use Items – Numbers

Benchmark 3

Applying

There were 12 liters of water in the tank.

Ravi then poured 3 liters of water into the tank and Indira poured another 3 liters of water into the tank.



How can the amount of water in the tank be calculated?

- (A) $12 + (2 + 3)$
- (B) $(12 + 3) + (12 + 3)$
- (C) $(12 + 2) \times 3$
- (D) $12 + (2 \times 3)$

Benchmark 3

Applying

Anna is cycling to her grandmother's house. She has cycled $\frac{3}{8}$ of the way.
What fraction of the distance does Anna have left to cycle?

Answer: _____

Benchmark 4

Reasoning

A teacher wants to put 30 students in groups so that

- each group has the same number of students, **and**
- each group has an odd number of students.

Show two different ways the teacher could make the groups.

Way 1

Number of groups: _____

Number of students in each group: _____

Way 2

Number of groups: _____

Number of students in each group: _____

Applying

Maria traveled by bicycle for 4 days. She traveled the same distance each day.

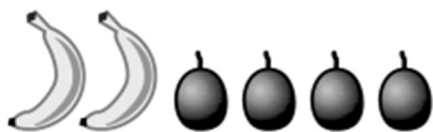
In total she traveled 76 kilometers.

How many kilometers did Maria travel each day?

- (A) 18
- (B) 19
- (C) 20
- (D) 24

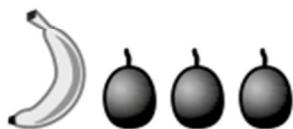
Reasoning

Caroline bought:



cost 22 zeds


Ruthanne bought:



cost 13 zeds

How much do a  and a  cost together?

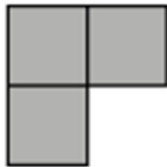
Answer: _____ zeds

How much does a  cost?

Answer: _____ zeds

Reasoning

A chocolate bar is in the shape of a rectangle. One-fourth of it is shown below.



Draw the complete chocolate bar on the grid.

