

Word Problems (Multiplication)

Solve the following word problems.

1. The length of one side of a square city block is 462 meters. What is the perimeter of the block?

2. Jake ran 2 miles. Jesse ran 4 times as far. There are 5,280 feet in a mile. How many feet did Jesse run?

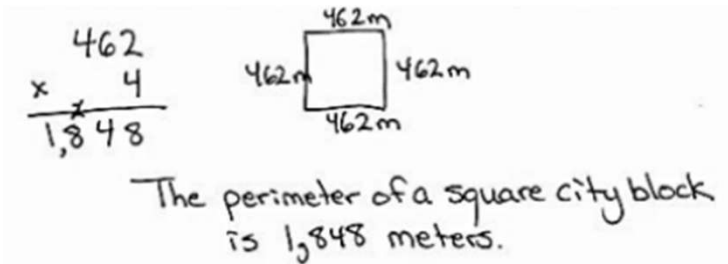
3. Robert's family brings six gallons of water for the players on the football team. If one gallon of water contains 128 fluid ounces, how many fluid ounces are in six gallons?

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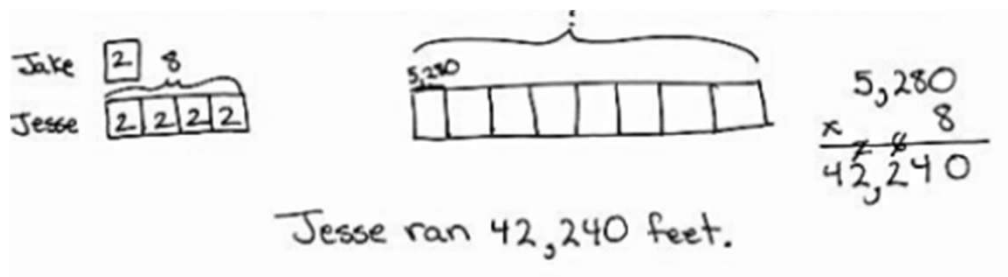
Handwritten solution for problem 1:

A multiplication problem:
$$\begin{array}{r} 462 \\ \times 4 \\ \hline 1,848 \end{array}$$

A diagram of a square with all four sides labeled "462m".

The perimeter of a square city block is 1,848 meters.

2. Jake ran 2 miles. Jesse ran 4 times as far. There are 5,280 feet in a mile. How many feet did Jesse run?



Handwritten solution for problem 2:

A diagram showing Jake's 2 miles and Jesse's 8 miles (4 times as far).

A diagram showing 5,280 feet in a mile, with a bracket over 8 boxes representing Jesse's distance.

A multiplication problem:
$$\begin{array}{r} 5,280 \\ \times 8 \\ \hline 42,240 \end{array}$$

Jesse ran 42,240 feet.

3. Robert's family brings six gallons of water for the players on the football team. If one gallon of water contains 128 fluid ounces, how many fluid ounces are in six gallons?

$$128 \times 6 = 768 \text{ fluid ounces}$$

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