

Mini-Lesson H: Proportional Reasoning

What is a ratio?

Relation between two amounts, showing the number of times: _____

Ex. 1

There are 65 7th graders at Catlin. 30 identify as male and the rest identify as female. What is the ratio of female identifying to male identifying?

Ex. 2

We went apple picking and ended up with a basket of 50 apples. 15 of them were green and the rest were red. What is the ratio of green to red apples?

Ex. 3

Max can type 81 words every two minutes. How many words can Max type in 9 minutes?

Ex. 4

On a clear stretch of highway, car X drove 45 miles in 30 minutes. Assuming the same speed, how far did car X drive in 1 hour and 10 minutes?

Unit Rate

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Ex. 5

Q is able to walk 4 laps in 16 minutes. At this rate, Q can walk 1 lap in how many minutes?

Ex. 6

T bikes 36 miles in 3 hours. How many miles per hour does T bike?

