



## Ratios and Tables - 1



Use cubes and the tables to solve the problems.

- 1** One frog and two crickets get onto the first car of Mole's train. Then one frog and two crickets get onto the second car. Frogs and crickets continue getting on Mole's train in the same way—one frog and two crickets to a car. When Mole counts 12 riders, he starts the train. How many frogs and how many crickets are on the train when it starts?

Cars	Frogs	Crickets	Total Riders
1	1	2	3
2	2	4	6

- 2** Three toads and two bees get onto the first car of Mole's train. Then three toads and two bees get onto the second car. Toads and bees continue getting on Mole's train in the same way—three toads and two bees to a car. When Mole counts 20 riders, he starts the train. How many toads and how many bees are on the train when it starts?

Cars	Toads	Bees	Total Riders



## Ratios and Tables - 2



Use cubes and the tables to solve the problems.

- 1** Five robins and one beetle fly into the first car of Mole's train. Then five robins and one beetle fly into the second car. Robins and beetles continue flying into Mole's train in the same way—five robins and one beetle to a car. When Mole counts 24 riders, he starts the train. How many robins and how many beetles are on the train when it starts?

Cars	Robins	Beetles	Total Riders

- 2** Two frogs and four grasshoppers hop onto the first car of Mole's train. Then two frogs and four grasshoppers hop onto the second car. Frogs and grasshoppers continue hopping on Mole's train in the same way—two frogs and four grasshoppers to a car. When Mole counts 30 riders, he starts the train. How many frogs and how many grasshoppers are on the train when it starts?

Cars	Frogs	Grasshoppers	Total Riders



Use cubes and the tables to solve the problems.

- 1** Three slugs and two bugs crawl onto the first car of Mole's train. Then three slugs and two bugs crawl onto the second car. Slugs and bugs continue crawling onto Mole's train in the same way—three slugs and two bugs to a car. When Mole counts 25 riders, he blows the whistle. How many slugs and how many bugs are on the train when Mole blows the whistle?

Cars	Slugs	Bugs	Total Riders

- 2** Two worms and five ants crawl onto the first car of Mole's train. Then two worms and five ants crawl onto the second car. Worms and ants continue crawling onto Mole's train in the same way—two worms and five ants to a car. When Mole counts 28 riders, he starts the train. How many worms and how many ants are on the train when it starts?

Cars	Worms	Ants	Total Riders







Use the tables and a calculator to solve the problems.

- 1** Six crawlers and four snails slip and slide onto the first car of Mole's train. Then six crawlers and four snails slip onto the second car. Crawlers and snails continue getting on Mole's train in the same way—six crawlers and four snails to a car. When there are 80 riders in the cars, Mole starts the train. How many crawlers and how many snails are on the train when it starts?

Cars	Crawlers	Snails	Total Riders

- 2** Six lizards and five frogs leap onto the first car of Mole's train. Then six lizards and five frogs leap onto the second car. Lizards and frogs continue getting on Mole's train in the same way—six lizards and five frogs to a car. When Mole counts 77 riders in the cars, he blows the whistle. How many lizards and how many frogs are on the train when Mole blows the whistle?

Cars	Lizards	Frogs	Total Riders



## Ratios and Tables - 6

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**1** Turtle and Rabbit are ready for the race! They both have new batteries! Ready, set, go! Turtle moves ahead two feet in the first minute, while Rabbit moves forward six feet. Turtle moves ahead two more feet in the second minute, while Rabbit moves ahead another six feet. If Turtle and Rabbit keep moving like that, where will Rabbit be when Turtle reaches 10 feet?

**2** Mari and Josh helped set up the gym for Family Night. They put four spinners and eight game markers on each table. There are 72 game markers on the tables. How many spinners are on the tables? How many things are on the tables all together?

**3** Dr. Hornblower looks for rare birds in Fantastic Forest. Today she is amazed to discover three drumbeaters and nine whistletoots in each tree. She leaves the forest after counting 96 birds. How many drumbeaters and whistletoots has she discovered?

