



Objective: REVIEW

Day 3

C. Complete each table. Then, use the table to draw a graph of each relationship.

1. Jessica spent many days at the city park last summer. She noticed that 4 out of every 15 flying insects she saw at the park were butterflies.

2. Sylvia is in charge of all the baseball leagues in her town. She estimates that about 1 out of every 15 players in each league can play first base.

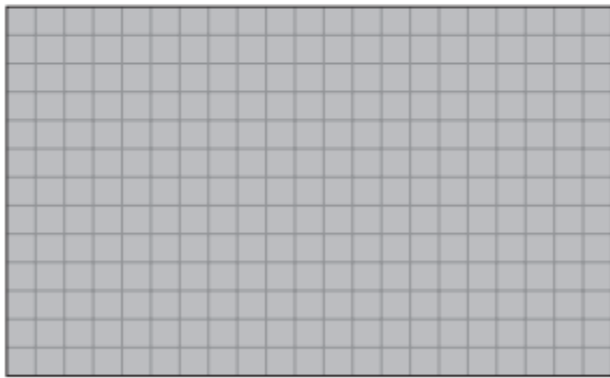
Number of Insects	Number of Butterflies
insects	butterflies

Players in the League	Players Who can Play First Base
players	players



3. Your cousin plays shooting guard for his community basketball team. When he plays in a game, 3 out of every 5 baskets he scores for his team are jump-shots.

Total Baskets	Jump-Shots
baskets	jump-shots



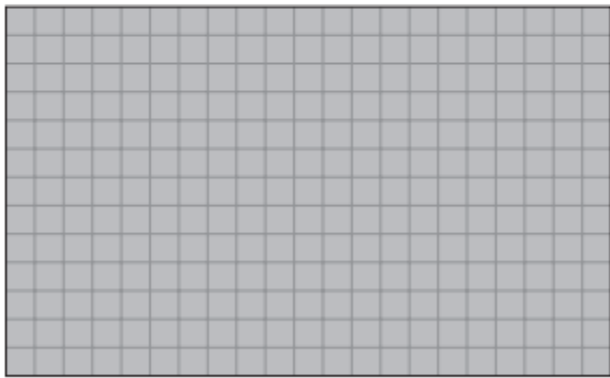
4. Ada looked at her household budget for the past several months and determined that 1 out of every 8 dollars she spent on groceries were spent on whole fruits and vegetables

Amount Spent on Groceries	Amount Spent on Whole Fruits and Vegetables



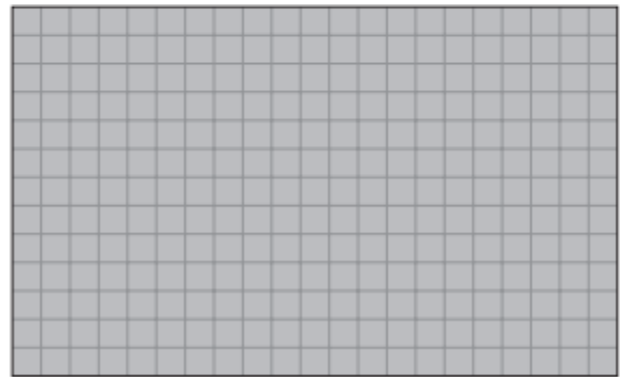
5. Latrell keeps all of his line drawings in portfolio folders. He notices as he sorts through the drawings that, in each folder, 2 out of every 5 drawings are still lifes.

Total Drawings	Still Lifes
drawings	still lifes



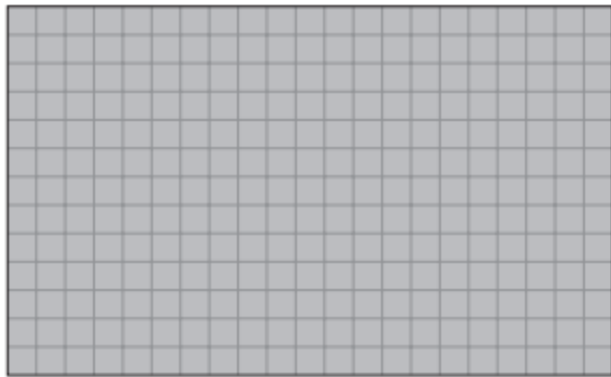
6. Russell looked at his household budget for the past several months and determined that 4 out of every 9 dollars he spent on groceries were spent on high protein foods.

Amount Spent on Groceries	Amount Spent on High Protein Foods
dollars	dollars



7. Lois keeps track of the yards gained or lost each quarter for the Silver Stripes football team. She noticed that 1 out of every 3 yards lost by the Stripes were due to the slippery conditions of the rainy game.

Total Yards Lost	Yards Lost Due to Slippery Conditions
yards	yards



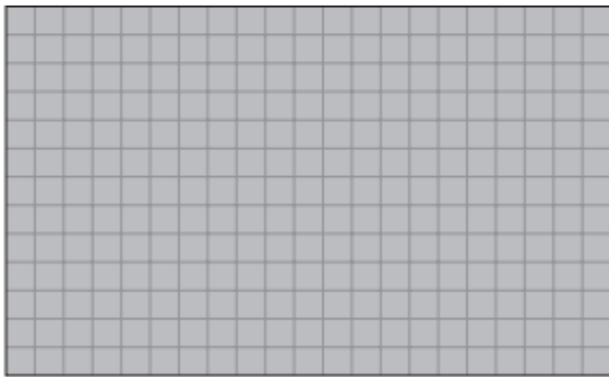
8. You maintain inventory for a local craft store. You notice that typically 5 out of 9 items on backorder are for one of the store's customers, Ms. Bestwick.

Items on Backorder	Ms. Bestwick's Items
items	items



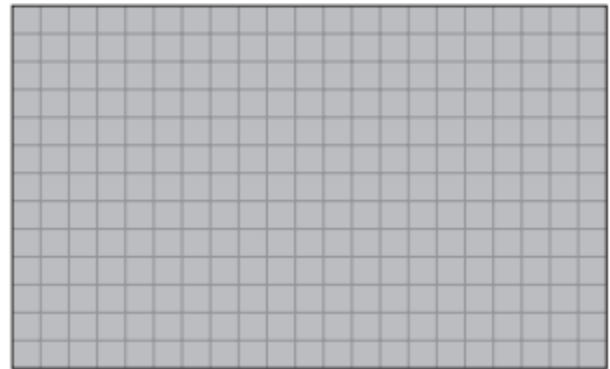
9. At the last Ferndale Middle School dance, only 2 out of 7 students actually danced, while the rest stood around.

Total Students	Students Who Danced
students	students



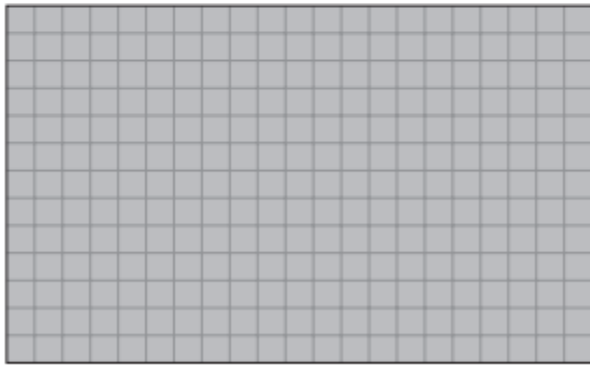
10. You are an environmentalist that is recording the number of abandoned nesting sites for herons in areas of wetlands. You find that, on average, 1 out of every 4 nesting sites have been abandoned.

Total Sites	Abandoned Sites
sites	sites



11. Marian's printer mangles 1 out of 5 pages while doing a printing job.

Number of Pages in Report	Number of Pages Mangled
pages	pages



12. Norman owes his parents money, and 6 out of every 7 dollars of his total debt came about because of the time he wrecked their snowmobile.

Total Debt	Debt From Snowmobile
dollars	dollars



D. Determine whether each graph represents a direct variation relationship.

