

Solve the following problems using ratio tables. Do all work on separate paper.

On in-line skates, Bradley skates 4 miles in 20 minutes. At this speed, how long would it take him to skate the entire length of a 12-mile bike path?

The cost of 5 team sweatshirts is \$90. At this price, how much would it cost to buy sweatshirts for a whole team of 15 players?

Mrs. Silva orders 5 pizzas for every 20 students working on the campus clean-up. How many pizzas should she order if 36 students participate? How many pizzas should she order if 48 students participate?

David wants to fill his backyard swimming pool. His garden hose delivers 40 gallons in 5 minutes. How many gallons of water will be in the pool after 20 minutes? After 1 hour?

Show your work using a graph.

Coach McCarthy bought 6 soccer balls for \$150. Which table correctly shows equivalent ratios for this cost?

A

Number of Balls	1	2	3	4	5	6
Cost	\$0	\$30	\$60	\$90	\$120	\$150

B

Number of Balls	1	2	3	4	5	6
Cost	\$25	\$50	\$75	\$100	\$125	\$150

C

Number of Balls	1	2	3	4	5	6
Cost	\$20	\$40	\$60	\$80	\$100	\$150

D

Number of Balls	1	2	3	4	5	6
Cost	\$120	\$126	\$132	\$138	\$144	\$150

\* Explain how you determined your answer.

Solve the following problems using ratio tables. Do all work on separate paper.

On in-line skates, Bradley skates 4 miles in 20 minutes. At this speed, how long would it take him to skate the entire length of a 12-mile bike path?

The cost of 5 team sweatshirts is \$90. At this price, how much would it cost to buy sweatshirts for a whole team of 15 players?

Mrs. Silva orders 5 pizzas for every 20 students working on the campus clean-up. How many pizzas should she order if 36 students participate? How many pizzas should she order if 48 students participate?

David wants to fill his backyard swimming pool. His garden hose delivers 40 gallons in 5 minutes. How many gallons of water will be in the pool after 20 minutes? After 1 hour?

Show your work using a graph.

Coach McCarthy bought 6 soccer balls for \$150. Which table correctly shows equivalent ratios for this cost?

A

Number of Balls	1	2	3	4	5	6
Cost	\$0	\$30	\$60	\$90	\$120	\$150

B

Number of Balls	1	2	3	4	5	6
Cost	\$25	\$50	\$75	\$100	\$125	\$150

C

Number of Balls	1	2	3	4	5	6
Cost	\$20	\$40	\$60	\$80	\$100	\$150

D

Number of Balls	1	2	3	4	5	6
Cost	\$120	\$126	\$132	\$138	\$144	\$150

\* Explain how you determined your answer.