

# Proportion Problem Solving

## With Tables

- 1) A biker can travel 8 miles in one hour. How long will it take him to travel 32 miles?  
Create a table. Highlight the unit rate. State your answer clearly with a label.

Miles	Hours
8	

Answer:

Unit Rate:

- 2) The cook at IHOP can make 72 pancakes in 3 hours. How many pancakes can she make in 9 hours?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Pancakes	Hours
	1
72	

Answer:

Unit Rate:

- 3) The Marriott Hotel needs 120 towels for the 8 rooms on second floor. How many towels do they need for 2 rooms?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Towels	Rooms
	2
	8

Answer:

Unit Rate:

Pg. 2 Proportion Problem Solving with Tables

4) There are 56 students for every 4 teachers in the sixth grade. How many teachers are there if there are 112 students on the cluster?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Students	Teachers
	1
	2
56	
112	

Answer:

Unit Rate:

5) A recipe calls for six cups of flour for every four cups of sugar for sugar cookies. How many cups of sugar are needed for 18 cups of flour?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Flour	Sugar
	4
18	

Answer:

Unit Rate:

6) A Humvee can travel 162 miles on 18 gallons of gas. How many miles can it travel on 5 gallons of gas?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Miles	Gallons
	1
	5
162	

Answer:

Unit Rate:

Pg. 3 Proportion Problem Solving with Tables

7) Tom Brady threw 28 touchdowns in 12 games during the 2016 season. At this rate how many touchdowns would you expect if he played 15 games?

Create a table. Highlight the unit rate. State your answer clearly with a label.

TD's	Games
	1
	3
28	
	15

Answer:

Unit Rate:

8) Patrice Bergeron made 36 assists in 80 games during the 2015-2016 season. At that rate, how many games would he need to play this season to make 27 assists?

Create a table. State your answer clearly with a label.

Assists	Games
9	
27	
	80

Answer:

Unit Rate:

9) Jordy Nelson made 96 receptions in 16 games during the 2016 season. How many receptions would you expect per game?

Create a table. Highlight the unit rate. State your answer clearly with a label.

Receptions	Game
	1
3	
96	

Answer:

Unit Rate: