

6



SHOW YOUR WORK AND DO YOUR BEST!

1. A new product price is increased from \$7 to \$11. What is the percent of change rounded to the nearest whole?

2. A cup of coffee costs \$2.50. If the total cost is \$22.50, then how many cups of coffee were purchased?

a. Write an equation:

b. What is the constant of proportionality?

3. Use the table below to answer the questions:

x	y
-2	6
1	-3
2	-6

a. Is this a proportional relationship?

b. What is the constant of proportionality?