Name:	Class

1. The cost of notebooks at the school store is shown in the table below.

Number of Notebooks	Cost
2	\$1.50
3	\$2.25
4	\$3.00
5	\$3.75

What is the cost of one notebook?

A \$0.50

B \$0.75

C \$1.50

D \$2.25

2. The numbers of gallons of gasoline purchased are shown in the table below.

Gallons of Gasoline	Cost
6.4	\$20.80
8.2	\$26.65
11.8	\$38.35
15.6	\$50.70

What is the price for one gallon of gasoline?

A \$3.00

B \$3.20

C \$3.25

D \$3.45

3. Maxine recorded the number of hours she worked and how much she earned each week for 4 weeks in the table below.

Hours worked	Earnings	
8	\$92.00	
12	\$138.00	
15	\$172.50	
17	\$195.50	

How much money did Maxine earn per hour?

A \$8.00

C \$11.50

B \$10.50

D \$13.00

4. This table on a package of dog food tells how much to feed a dog, depending on its weight.

Weight of Dog (pounds)	15	30	45
Amount of Food (scoops)	2	4	6

The amount of food in scoops (s) is related to the weight of the dog in pounds (p) by the equation s = kp. What is k?

Α 7.5 C 1.5

В

D

5. Which table represents a proportional relationship between x and y?

Α

X	0	1	2	3
Y	1	2	3	4

C

X	20	15	10	5
У	4	3	2	1

В

Χ	3	4	5	6
Υ	3	6	9	12

D

Х	15	9	4	1
У	8	6	4	2

6. What is the constant of proportionality for the data in the table below?

X	У
⁻ 6	7.5
-3	3.75
2	⁻ 2.5
7	[−] 8.75
10	⁻ 12.5

Α

1.50

1.25 В

-1.25

D -1.50