Name _____

134060039_3

40 The water level in an ocean bay changes at an average rate of 3 meters per hour. At this rate, how many hours would it take for the water level to change 12 meters?

RP

A $\frac{1}{4}$

B $\frac{1}{3}$

C 4

D 36

134060041_2

41 A company paid $48 for 2 cases of printer paper. Each case contained 12 packages of paper. Next month the company's office manager needs to order 180 packages of the same paper. If the price per package does not change, what would be the total cost of next month's order?

RP

A $90

B $360

C $720

D $1,140

134060048_3

46 At a concert, 20% of the audience members were teenagers. If the number of teenagers at the concert was 360, what was the total number of audience members?

RP

A 432

B 450

C 1,800

D 7,200

56 A leaky faucet is losing water and is filling a 5-gallon bucket every 20 hours. At that rate, how many gallons of water will the faucet leak in 48 hours?

Show your work.

Answer _____ gallons

The biologist is expecting the number of salmon to rise during salmon season. If the ratio stays the same and he expects 120 Steelhead, how many Chinook should he expect to count at the dam?

Show your work.

Answer _____ Chinook

65 A biologist counted the number of two types of salmon (Chinook and Steelhead) at a dam. He used the table below to record the number of salmon on different days.

On day 5, the biologist counted 16 Chinook. If the ratio of Chinook to Steelhead remained the same as on the previous four days, how many Steelhead should the biologist expect to count on day 5? Record your answer in the table below.

NUMBER OF SALMON TYPES COUNTED

Day	Chinook	Steelhead
1	4	10
2	12	30
3	8	20
4	6	15
5	16	

Plot the salmon count data from the table on the coordinate grid below. Label each point with the day number.

NUMBER OF SALMON TYPES COUNTED