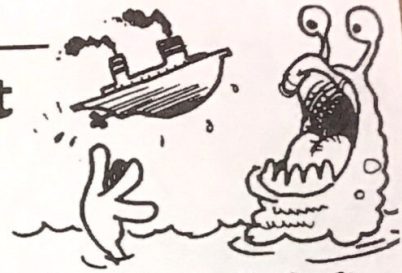


TEAM NAME: _____ PARTNER B: _____

Why Did the Sea Monster Eat 27 Ships Carrying Potatoes?



Cross out the letters above each correct answer. When you finish, write the remaining letters in the spaces at the bottom of the page.



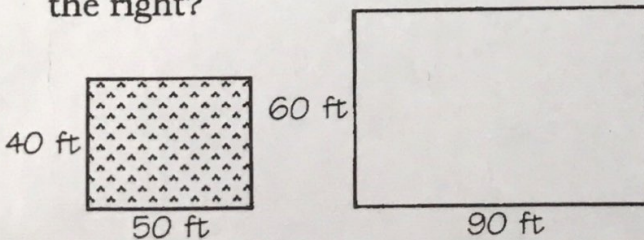
1 A photograph is 4.5 in. wide and 6 in. long. A yearbook editor has the photo reduced to fit a space 1.9 in. wide. How long is the reduced photograph?

2 A model rocket is built to a scale of 3 cm = 5 m. If the model is 9.4 cm tall, how tall is the actual rocket.

3 A map of Yosemite National Park is drawn to a scale of 1 in. = 1.44 mi. On the map, Tuolumne Meadows is 12.8 in. from Bridalveil Fall. What is the actual distance?

4 Sterling silver is an alloy made by combining silver with copper in a ratio of 23 to 2. How much copper should be combined with 60 kg of silver to make sterling silver?

5 It took 18 lb of grass seed to cover the field on the left. How many pounds will be needed to cover the field on the right?



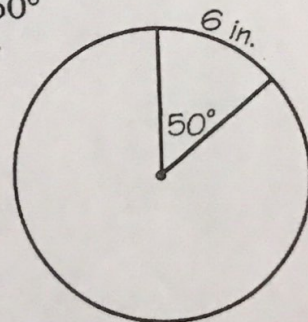
6 The sides of this rectangle are marked off in centimeters. If the rectangle is enlarged proportionally so that the longer side is 45 cm, how long will the shorter side be?

7 A flagpole casts a shadow 20 ft long. If a man 6 ft tall casts a shadow 4.3 ft long at the same time, how tall is the flagpole?

8 A recipe uses 3 cups of grated cheese to make 10 servings. How much cheese is needed to make 8 servings?

9 The ratio of your weight on Earth to your weight on Mars is 5 to 2. If you weigh 140 lb on Earth, how much would you weigh on Mars?

10 For this circle, a 50° central angle cuts off an arc of 6 in. What is the circumference of the circle? (There are 360° in a circle.)



IT	UP	ON	ST	EP	SG	O	NE	T
15.7 m	48.6 lb	54.5 lb	43.2 in.	5.4 kg	16.9 cm	42.5 in.	2.4 c	28.3 ft
E	AT	AF	OS	IS	H	OT	SH	IP
56 lb	2.7 c	18.4 mi	16.3 m	27.9 ft	17.4 cm	2.5 in.	5.2 kg	17.9 mi

