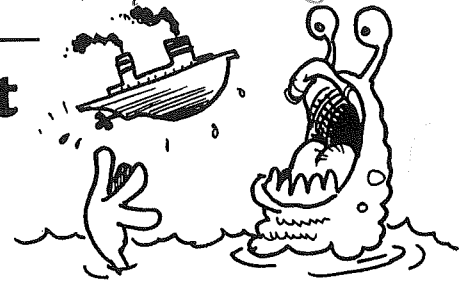


TEAM NAME: _____ PARTNER A: _____

CW/HW 28

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.



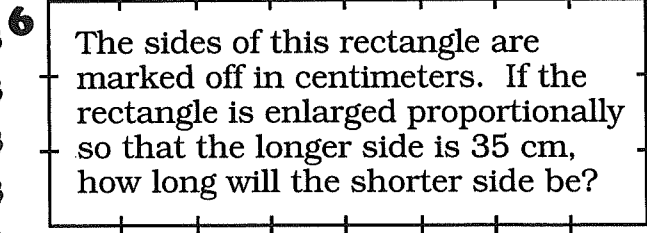
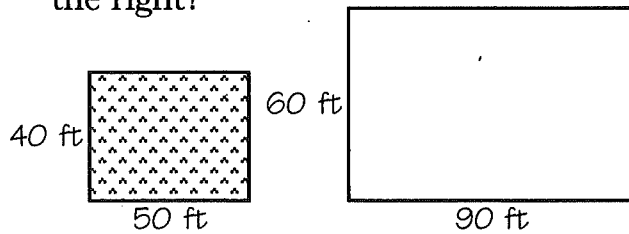
1 A photograph is 4.5 in. wide and 6 in. long. A yearbook editor has the photo reduced to fit a space 1.7 in. wide. How long is the reduced photograph?

2 A model rocket is built to a scale of 3 cm = 5 m. If the model is 7.4 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, Tioga Pass is 15.8 in. from Yosemite Falls. 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 70 kg of silver to make sterling silver?

5 It took 16 lb of grass seed to cover the field on the left. How many pounds will be needed to cover the field on the right?

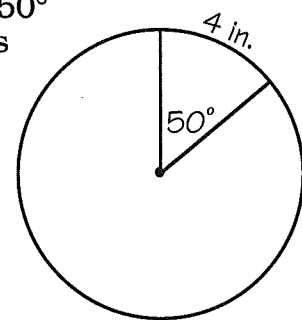


7 A flagpole casts a shadow 22 ft long. If a man 6 ft tall casts a shadow 4.3 ft long at the same time, how tall is the flagpole?

8 A recipe uses 3 cups of grated cheese to make 10 servings. How much cheese is needed to make 6 servings?

9 The ratio of your weight on Earth to your weight on Mars is 5 to 2. If you weigh 120 lb on Earth, how much would you weigh on Mars?

10 For this circle, a 50° central angle cuts off an arc of 4 in. What is the circumference of the circle? (There are 360° in a circle.)



| | | | | | | | | |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
| IT 13.1 cm | NO 46.5 lb | NE 28.8 in. | XT 2.3 in. | BO 31.4 ft | AT 1.8 c | DY 5.8 kg | S 12.3 m | CA 27.5 in. |
| NE 2.2 c | ED 22.8 mi | F 30.7 ft | AT 11.6 m | RY 48 lb | JU 12.8 cm | MP 43.2 lb | ST 23.5 mi | OP 6.1 kg |

