

Daily Dilemma #3: Activity

Name _____ Date _____

1. Dakota wanted to know the age of Prince Henry the Navigator when the prince started to be interested in ships and sailing. He was told that that if he added 12 to Prince Henry's age and doubled it, then Henry would be 50 years old. How old was Prince Henry when he became interested in sailing ships? (2 pts.)

Work: _____ Answer: _____

2. Vasco de Gama was unfurling the sail on one of his ships. He found that each time he turned the wheel 3 turns, the sail would open 4 feet. How many times did he have to turn the wheel for the sail to open to its full height of 32 feet? (4 pts.)

Turns of the Wheel													
Height of sail													

Explain how the turn of the wheel affects the amount the sail would open.

3. The perimeter of one of Columbus's triangular sails was 187 ft. The length of each of 2 of the sides was 56 ft. How long was the third side? (2 pts.)

Work: _____ Answer: _____

4. Bartholomew Dias's cook had 3 types of meat: beef, chicken and turkey on board the ship. He also had 5 types of vegetables: corn, peas, beans, beets, and spinach. How many different meals could he put together? Try making an organized list. (2 pts.)

Work:

Answer: _____

5. The Portuguese explorer, Cabral, planned to take 129 sailors and 3 ships around the coast of Africa. The same number of sailors was on each ship. How many sailors were on each ship? (2 pts.)

Work:

Answer: _____