

# The British Invasion of New York 1776

Common Sense Math for Boatswains

Name: \_\_\_\_\_



## ~Math Lesson~

Look at the tables on pages 49-50, in which Thomas Paine records the cost of British ships in 1776.

It was estimated that 30,000 British Regular troops landed in and around New York City in June, July, and August of 1776. Ships “as far as the eye could see,” noted many eyewitnesses, were reported in the waters around New York.

Can you calculate the value of these British ships on that eventful day?

*\* Answers can be found on page 195.*

Download this [and other free activities](http://www.newcommonsensebook.com) in 8.5 x 11 pdf formats at  
[www.newcommonsensebook.com](http://www.newcommonsensebook.com)!

For questions 1-4 below, use Paine's tables on pages 49-50 and calculate the value of the following ships and guns:

- 1) 20 Frigates with 60 guns = \_\_\_\_\_
- 2) 16 Frigates with 50 guns = \_\_\_\_\_
- 3) 4 Frigates with 90 guns = \_\_\_\_\_
- 4) 40 Frigates with 20 guns = \_\_\_\_\_
- 5) Total of all 80 Frigates (1 – 4 above) = \_\_\_\_\_

For questions 6-10 below, determine how to set the problem up, and then solve it.

6) A British landing craft can carry 20 soldiers from a frigate to shore every 30 minutes (half-hour). How many soldiers can one landing craft carry in six hours?

7) How many soldiers can be taken to shore by 100 landing craft in six hours? \_\_\_\_\_

8) In the first questions in this section (1-5 above), there were a total of 80 frigates involved. If there were five landing craft for every frigate, how many total landing craft were there?

9) Using information from the previous questions, answer this: If each frigate needs to land 300 men, and there is only one landing craft per frigate, how many trips will each landing craft have to make to shore in order to land all 300 men?

10) How many total trips will landing craft make to land 30,000 troops?