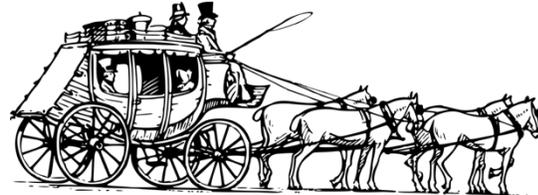# OLD SALEM EXPLORATORIUM

Most Popular Pots

Grade 6 Math

Student Name: _____   Date: _____

Activity 1:

The potter has been selling 5 storage pots for 60 shillings. How much would the Doctor's family have to pay for 28 storage pots?

Show your work:

Answer:

How much could they buy for 144 shillings?

Show your work:

Answer:

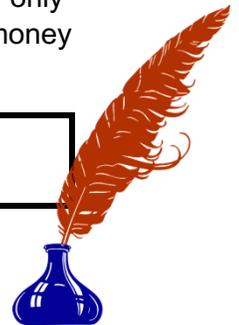### Activity 2:

8 shillings can buy a pickling jar, but now that war has started, the farmer's family only has continental dollars. If the ratio of shillings to continental dollars is 1 to 3, how much money would the farmer's family have to save up to buy a set of 6 pickling jars for their cellar?

Show your work:

Answer:
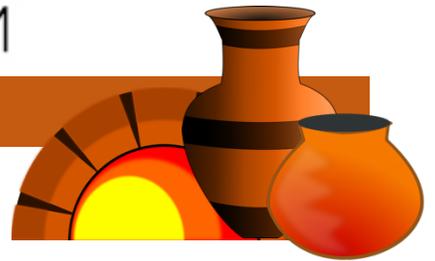
How many jars could they buy with 216 continental dollars?

Show your work:

Answer:

Most Popular Pots

Activity 3:

To get the town started, the potter used to make a ratio of 50 pots per family each year. But now the town has grown to 45 families. How many pots will the potter need to make this year?

Show your work:

Answer:

How many families could he provide for if he is only able to make 3,000 pots a year?

Show your work:

Answer:

Activity 4:

The potter alone is able to make 20 pots a day. He works 5 days each week. How many pots can he produce in 6 weeks?

Show your work:

Answer:

What if his demand jumps because of the war and people need to buy 300 pots every two weeks? Will he be able to meet that demand, or should he take on an apprentice?

Show your work:

Answer:

Activity 5:

Before the war, people were purchasing 1,000 pots every six months. But now that they can't get their cheap pottery from England anymore, the demand for pots has increased 60%. Now how many pots will the potter have to provide for every six-month period?

Show your work:

Answer: