

NAME _____

DATE _____

USING RATIO TABLES

Ratio tables and charts show how two variable quantities relate. They are also a good way to organize information.

1. QUESTION

Consider the table below. Complete to find the number of trees that can be grown in 30 and 35 acres.

Acres	5	10	20	25		
Pine trees	75	150	225			

2. QUESTION

Tom weighs 160 pounds on Earth. On planet Jupiter, he will weigh 416 pounds. Complete the table below. Then use the table to answer the question below. How much would Sandra who weighs 120 pounds on Earth weigh on Jupiter?

Earth	20 lbs	40 lbs	80 lbs	60 lbs	120 lbs	160 lbs
Jupiter	lbs	lbs	lbs	lbs	lbs	416 lbs

Sandra will weight _____ pounds on Jupiter.

3. QUESTION

On a purchase of \$20.00 the VAT is \$1.12. Complete the table below. Then use the table to answer the question below.

Purchase	0.5	1	5	10	20	40	45	45.5
VAT					\$1.12			

How much tax will there be on a purchase of \$45.50?

Answer = _____

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4. QUESTION

In Australia, you can exchange \$4.50 in U.S. for \$6.00 in Australian dollars.
Complete the table below. Then answer the question that follows.

Australian	\$1	\$1.5	\$3	\$6	\$12	\$15.5
US	\$	\$	\$	\$4.50	\$	\$

How much is \$15.50 Australian in US. Dollars?

Answer = _____

4. QUESTION

Observe the picture below. Then answer the following questions.



What is the ratio of teacher to pupils? _____

What is the ratio of pupils to teacher? _____

This ratio is constant in a school. If a school has 230 students, how many teachers should the school have? _____