

Name _____

Date _____

1. Estimate the quotient for the following problems. The first one is done for you.

<p>a. $8,328 \div 41$ $\approx 8,000 \div 40$ $= 200$</p>	<p>b. $2,109 \div 23$ $\approx \underline{2000} \div \underline{20}$ $= \underline{100}$</p>	<p>c. $8,215 \div 38$ $\approx \underline{8000} \div \underline{40}$ $= \underline{200}$</p>
<p>d. $3,861 \div 59$ $\approx \underline{3600} \div \underline{60}$ $= \underline{60}$</p>	<p>e. $2,899 \div 66$ $\approx \underline{2800} \div \underline{70}$ $= \underline{40}$</p>	<p>f. $5,576 \div 92$ $\approx \underline{5600} \div \underline{100}$ $= \underline{56}$</p>
<p>g. $5,086 \div 73$ $\approx \underline{4900} \div \underline{70}$ $= \underline{70}$</p>	<p>h. $8,432 \div 81$ $\approx \underline{8800} \div \underline{80}$ $= \underline{110}$</p>	<p>i. $9,032 \div 89$ $\approx \underline{9000} \div \underline{90}$ $= \underline{100}$</p>
<p>j. $2,759 \div 48$ $\approx \underline{3000} \div \underline{50}$ $= \underline{60}$</p>	<p>k. $8,194 \div 91$ $\approx \underline{8100} \div \underline{90}$ $= \underline{90}$</p>	<p>l. $4,368 \div 63$ $\approx \underline{4200} \div \underline{60}$ $= \underline{70}$</p>
<p>m. $6,537 \div 74$ $\approx \underline{6300} \div \underline{70}$ $= \underline{90}$</p>	<p>n. $4,998 \div 48$ $\approx \underline{5000} \div \underline{50}$ $= \underline{100}$</p>	<p>o. $6,106 \div 25$ $\approx \underline{6000} \div \underline{30}$ $= \underline{200}$</p>

2. 91 boxes of apples hold a total of 2,605 apples. Assuming each box has about the same number of apples, estimate the number of apples in each box.

$$2605 \div 91$$

$$\approx 2700 \div 90$$

$$= 30$$

About 30 apples in each box

3. A wild tiger can eat up to 55 pounds of meat in a day. About how many days would it take for a tiger to eat the following prey?

Prey	Weight of Prey	Number of Days
Eland Antelope	1,754 pounds	30
Boar	661 pounds	11
Chital Deer	183 pounds	3
Water Buffalo	2,322 pounds	40

$$1754 \div 55$$

$$\approx 1800 \div 60$$

$$= 30$$

$$661 \div 55$$

$$\approx 660 \div 60$$

$$= 11$$

$$183 \div 55$$

$$\approx 180 \div 60$$

$$= 3$$

$$2322 \div 55$$

$$\approx 2400 \div 60$$

$$= 40$$