

Name Jack

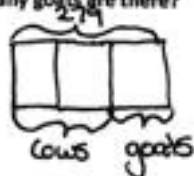
Date \_\_\_\_\_

1. Divide, then check using multiplication.

<p>a. <math>1,672 \div 4</math></p> $\begin{array}{r} 4 \overline{)1672} \\ \underline{-16} \phantom{00} \\ 07 \phantom{00} \\ \underline{-4} \phantom{00} \\ 32 \phantom{00} \\ \underline{-32} \\ 0 \end{array}$ $\begin{array}{r} 418 \\ \times 4 \\ \hline 1,672 \checkmark \end{array}$	<p>b. <math>1,578 \div 4</math></p> $\begin{array}{r} 4 \overline{)1578} \\ \underline{-12} \phantom{00} \\ 37 \phantom{00} \\ \underline{-36} \phantom{00} \\ 18 \phantom{00} \\ \underline{-16} \phantom{00} \\ 2 \end{array}$ $\begin{array}{r} 394 \text{ R}2 \\ \times 4 \\ \hline 1,576 \phantom{00} \\ + 2 \phantom{00} \\ \hline 1,578 \checkmark \end{array}$ <p>Q = 394 R = 2</p>
<p>c. <math>6,948 \div 2</math></p> $\begin{array}{r} 2 \overline{)6948} \\ \underline{-6} \phantom{00} \\ 09 \phantom{00} \\ \underline{-8} \phantom{00} \\ 14 \phantom{00} \\ \underline{-14} \phantom{00} \\ 08 \phantom{00} \\ \underline{-8} \\ 0 \end{array}$ $\begin{array}{r} 3474 \\ \times 2 \\ \hline 6,948 \checkmark \end{array}$	<p>d. <math>8,949 \div 4</math></p> $\begin{array}{r} 4 \overline{)8949} \\ \underline{-8} \phantom{00} \\ 09 \phantom{00} \\ \underline{-8} \phantom{00} \\ 14 \phantom{00} \\ \underline{-12} \phantom{00} \\ 29 \phantom{00} \\ \underline{-28} \\ 1 \end{array}$ $\begin{array}{r} 2237 \text{ R}1 \\ \times 4 \\ \hline 8,948 \phantom{00} \\ + 1 \phantom{00} \\ \hline 8,949 \checkmark \end{array}$ <p>Q = 2,237 R = 1</p>
<p>e. <math>7,569 \div 2</math></p> $\begin{array}{r} 2 \overline{)7569} \\ \underline{-6} \phantom{00} \\ 15 \phantom{00} \\ \underline{-14} \phantom{00} \\ 16 \phantom{00} \\ \underline{-16} \phantom{00} \\ 09 \phantom{00} \\ \underline{-8} \\ 1 \end{array}$ $\begin{array}{r} 3784 \text{ R}1 \\ \times 2 \\ \hline 7,568 \phantom{00} \\ + 1 \phantom{00} \\ \hline 7,569 \checkmark \end{array}$ <p>Q = 3,784 R = 1</p>	<p>f. <math>7,569 \div 3</math></p> $\begin{array}{r} 3 \overline{)7569} \\ \underline{-6} \phantom{00} \\ 15 \phantom{00} \\ \underline{-15} \phantom{00} \\ 06 \phantom{00} \\ \underline{-6} \phantom{00} \\ 09 \phantom{00} \\ \underline{-9} \\ 0 \end{array}$ $\begin{array}{r} 2523 \\ \times 3 \\ \hline 7,569 \checkmark \end{array}$

<p>g. <math>7,955 \div 5</math></p> $\begin{array}{r} 1591 \\ 5 \overline{)7955} \\ \underline{-5} \phantom{00} \\ 29 \phantom{00} \\ \underline{-25} \phantom{00} \\ 45 \phantom{00} \\ \underline{-45} \phantom{00} \\ 05 \phantom{00} \\ \underline{-5} \phantom{00} \\ 0 \end{array}$ <p><math>\times \begin{array}{r} 1591 \\ \times 5 \\ \hline 7955 \checkmark \end{array}</math></p>	<p>h. <math>7,574 \div 5</math></p> $\begin{array}{r} 1514 \text{ R}4 \\ 5 \overline{)7574} \\ \underline{-5} \phantom{00} \\ 25 \phantom{00} \\ \underline{-25} \phantom{00} \\ 07 \phantom{00} \\ \underline{-5} \phantom{00} \\ 24 \phantom{00} \\ \underline{-20} \phantom{00} \\ 4 \end{array}$ <p><math>\times \begin{array}{r} 1514 \\ \times 5 \\ \hline 7570 \\ + 4 \\ \hline 7574 \checkmark \end{array}</math></p> <p>Q = 1,514 R = 4</p>
<p>i. <math>7,469 \div 3</math></p> $\begin{array}{r} 2489 \text{ R}2 \\ 3 \overline{)7469} \\ \underline{-6} \phantom{00} \\ 14 \phantom{00} \\ \underline{-12} \phantom{00} \\ 26 \phantom{00} \\ \underline{-24} \phantom{00} \\ 29 \phantom{00} \\ \underline{-27} \phantom{00} \\ 2 \end{array}$ <p><math>\times \begin{array}{r} 2489 \\ \times 3 \\ \hline 7467 \\ + 2 \\ \hline 7469 \checkmark \end{array}</math></p> <p>Q = 2,489 R = 2</p>	<p>j. <math>9,956 \div 4</math></p> $\begin{array}{r} 2489 \\ 4 \overline{)9956} \\ \underline{-8} \phantom{00} \\ 19 \phantom{00} \\ \underline{-16} \phantom{00} \\ 35 \phantom{00} \\ \underline{-32} \phantom{00} \\ 36 \phantom{00} \\ \underline{-36} \phantom{00} \\ 0 \end{array}$ <p><math>\times \begin{array}{r} 2489 \\ \times 4 \\ \hline 9956 \checkmark \end{array}</math></p>

2. There are twice as many cows as goats on a farm. All the cows and goats have a total of 1,116 legs. How many goats are there?



$$\begin{array}{r} 93 \\ 3 \overline{)279} \\ \underline{-27} \phantom{00} \\ 09 \phantom{00} \\ \underline{-9} \phantom{00} \\ 0 \end{array}$$

$$\begin{array}{r} 279 \\ 4 \overline{)1116} \\ \underline{-8} \phantom{00} \\ 31 \phantom{00} \\ \underline{-28} \phantom{00} \\ 36 \phantom{00} \\ \underline{-36} \phantom{00} \\ 0 \end{array}$$

$\times \begin{array}{r} 279 \\ \times 4 \\ \hline 1116 \end{array}$

There are 93 goats.

