Name _____ **Date** _____

Grade 5 Module 2 Lessons 24-27 Quiz B

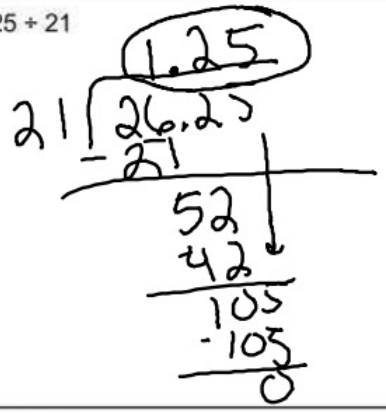
Understand the place value system. _____

Perform operations with multi-digit whole numbers and with decimals to hundredths. _____

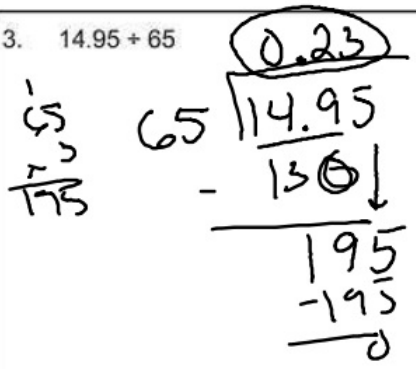
1. If 7.29 ÷ 9 = 0.81, then the quotient of 7.29 ÷ 90 is 0.081. Use place value reasoning to explain the placement of the decimal point.

Divide.

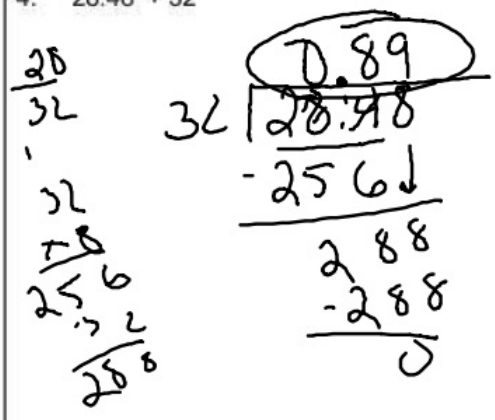
2. 26.25 ÷ 21



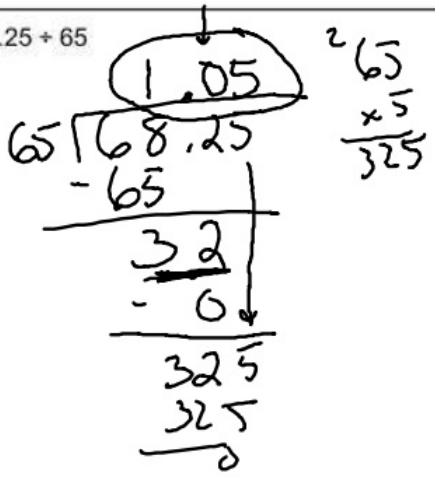
3. 14.95 ÷ 65



4. 28.48 ÷ 32



5. 68.25 ÷ 65



6. 30.48 kg of beef was placed into 24 packages of equal weight. What is the weight of one package of beef?

$$\begin{array}{r} 1.27 \\ 24\overline{)30.48} \\ -24 \\ \hline {}^{5}\cancel{64} \\ 48 \\ \hline 168 \\ -168 \\ \hline 0 \end{array}$$

$$\begin{array}{r} {}^{2}24 \\ \times\ 7 \\ \hline 168 \end{array}$$

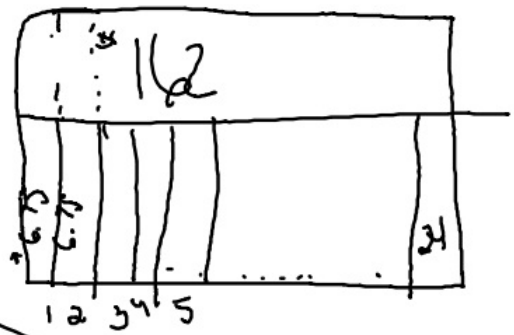
One package of beef weighs 1.27kg

7. A soccer coach spent $162 dollars on 24 pairs of socks for his players. How much did five pairs of socks cost?

$6.75/pair of socks.

$$\begin{array}{r} {}^{3}\ {}^{2} \\ \$6.75 \\ \times\ 5 \\ \hline \$33.75 \end{array}$$

for 5 pairs of socks



$$\begin{array}{r} \$6.75 \\ 24\overline{)\$162.00} \\ -144 \\ \hline 180 \\ -168 \\ \hline 120 \end{array}$$

$$\begin{array}{r} {}^{2}24 \\ \times\ 6 \\ \hline 144 \end{array}$$

$$\begin{array}{r} {}^{2}24 \\ \times\ 7 \\ \hline 168 \end{array}$$