

Quotient Tournament

ANSWER SHEET

Complete each division matchup. The number with the higher quotient advances to the next round where it becomes the dividend and the number in the diamond is the divisor. Look at the example matchup below then fill out the rest of the bracket. Color in the box of the winner each round to keep track of who wins. Show your work.

$$\begin{array}{r} 3 \overline{)1,377} \\ \underline{-459} \star \\ 1217 \\ \underline{-1215} \\ 2 \\ \underline{-2} \\ 0 \end{array}$$

$$\begin{array}{r} 5 \overline{)459} \\ \underline{-452} \\ 7 \\ \underline{-7} \\ 0 \end{array}$$

$$\begin{array}{r} 7 \overline{)3,164} \\ \underline{-452} \circ \\ 2812 \\ \underline{-2814} \\ 2 \\ \underline{-2} \\ 0 \end{array}$$

Example:

$$3 \overline{)1,377} \text{ vs. } 7 \overline{)3,164}$$

Because 459 is greater than 452, it goes on to the next bracket where it is divided by next divisor in the black diamond, which happens to be 5 in this case.

$$\begin{array}{r} 7 \overline{)1,708} \\ \underline{-244} \\ 1408 \\ \underline{-1430} \\ 28 \\ \underline{-28} \\ 0 \end{array}$$

$$\begin{array}{r} 3 \overline{)735} \\ \underline{-245} \\ 490 \\ \underline{-490} \\ 0 \end{array}$$

$$\begin{array}{r} 5 \overline{)49} \\ \underline{-49} \\ 0 \end{array}$$

$$\begin{array}{r} 4 \overline{)1,684} \\ \underline{-421} \\ 1263 \\ \underline{-1264} \\ 1 \\ \underline{-1} \\ 0 \end{array}$$

$$\begin{array}{r} 9 \overline{)47} \\ \underline{-47} \\ 0 \end{array}$$

$$\begin{array}{r} 6 \overline{)2,538} \\ \underline{-423} \\ 1318 \\ \underline{-1218} \\ 100 \\ \underline{-100} \\ 0 \end{array}$$

$$\begin{array}{r} 9 \overline{)423} \\ \underline{-36} \\ 63 \\ \underline{-63} \\ 0 \end{array}$$

WINNER! 49