

SOLVING LONG DIVISION WORD PROBLEMS

HOW WE ANSWER A DIVISION PROBLEM WITH REMAINDERS DEPENDS ON CONTEXT.

1) ANSWERS WILL BE DECIMALS.

EX: MONEY \$12.61

~~\$12.6213~~

2) ANSWERS WILL BE FRACTIONS

EX: SLICES OF PIZZA

3) ROUND OUR ANSWERS DOWN ^{20 JOLLY} _{6 KIDS}

REMAINDER ISN'T ENOUGH FOR A WHOLE GROUP; CAN'T SPLIT GROUP

4) ROUND OUR ANSWERS UP ^{BUS HOLDS 20} _{42 KIDS}

REMAINDER MUST BE INCLUDED

EX#1 BOWS - 7 IN HAVE 15 IN
HOW MANY BOWS?

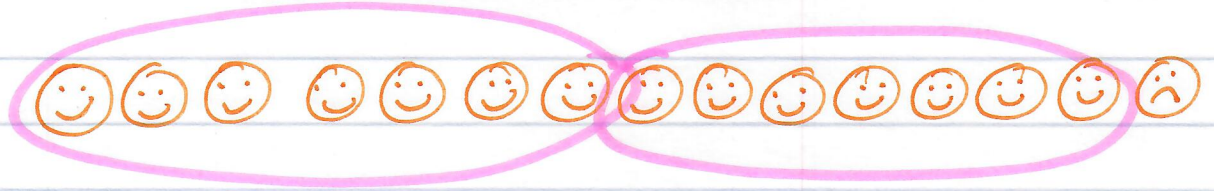


$$\begin{array}{r} 2 \\ 7 \overline{)15} \\ -14 \\ \hline 1 \end{array}$$

REMAINDER - LEFT OVER RIBBON

WE CAN MAKE 2 BOWS.

EX #2: 15 KIDS 7 KIDS PER RIDE
HOW MANY RIDES.



$$\begin{array}{r} 2 \\ 7 \overline{)15} \\ \underline{-14} \\ 1 \end{array}$$

REMAINDER - KIDS LEFT

THE RIDE WILL GO 3 TIMES.