

STEP 9: DIVIDE WITH REMAINDERS

Complete the following, show your working out:

$$1) 7231 \div 5 = 1446 r1$$
$$\begin{array}{r} 1446r1 \\ 5 \overline{) 7231} \\ \underline{5} \\ 22 \\ \underline{20} \\ 23 \\ \underline{20} \\ 31 \\ \underline{30} \\ 1 \end{array}$$

$$2) 6215 \div 6 = 1035 r5$$
$$\begin{array}{r} 1035r5 \\ 6 \overline{) 6215} \\ \underline{6} \\ 21 \\ \underline{18} \\ 35 \\ \underline{30} \\ 5 \end{array}$$

$$3) 5213 \div 3 = 1737 r2$$
$$\begin{array}{r} 1737r2 \\ 3 \overline{) 5213} \\ \underline{3} \\ 22 \\ \underline{21} \\ 13 \\ \underline{9} \\ 23 \\ \underline{21} \\ 2 \end{array}$$

$$4) 6175 \div 9 = 686 r1$$
$$\begin{array}{r} 0686r1 \\ 9 \overline{) 6175} \\ \underline{06} \\ 81 \\ \underline{81} \\ 75 \\ \underline{72} \\ 1 \end{array}$$

STEP 10: EFFICIENT DIVISION

Using factors, divide:

$$a) 320 \div 16$$

$$320 \div 2 = 160$$

$$160 \div 8 = 20$$

$$b) 728 \div 8$$

$$728 \div 2 = 364$$

$$364 \div 2 = 182$$

$$182 \div 2 = 91$$

$$c) 822 \div 12$$

$$822 \div 2 = 411$$

$$411 \div 3 = 137$$

$$137 \div 2 = 68 r1$$

STEP 11: SOLVE PROBLEMS WITH X & \div

Jeff is filling bags with candy.

Each bag needs 7 candies and he

has 349 candies. How many bags can

they fill?

$$\begin{array}{r} 049r6 \\ 7 \overline{) 349} \\ \underline{28} \\ 69 \\ \underline{63} \\ 6 \end{array}$$

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STEP 12