

Math Without Computing

$$\begin{array}{r} 6 \text{ R}2 \\ 3 \overline{)20} \end{array}$$

$$\begin{array}{r} 12 \text{ R}4 \\ 8 \overline{)100} \end{array}$$

$$\begin{array}{r} 14 \text{ R}39 \\ 50 \overline{)739} \end{array}$$

Use the quotients in the box above to answer the following questions:

1	<p>Scott has 100 stamps to put in an album. He puts 8 stamps on each page.</p> <p>A. How many pages will be completely filled? (12)</p> <p>B. How many stamps will be left for an unfilled page? (4)</p> <p>C. How many pages will be used altogether? (13)</p>
2	<p>A group of 20 friends are going camping. They will sleep in tents that each hold 3 people.</p> <p>A. How many tents will be full? (6)</p> <p>B. How many people will be left for a tent that is not full? (2)</p> <p>C. How many tents will be needed altogether? (7)</p>
3	<p>The 739 students and teachers at Merry Middle School are going on a field trip. Each bus holds 50 passengers.</p> <p>A. How many buses will be full? (14)</p> <p>B. How many people will be left for a bus that is not full? (39)</p> <p>C. How many buses will be needed altogether? (15)</p>
4	<p>Hugo made 100 ounces of lemonade. How many 8-ounce glasses can he fill completely with this amount of lemonade? $8 \overline{)100}$ (12)</p>
5	<p>An orchard has 739 apple trees to plant. If 50 trees are planted in each row, how many are left after the last complete row is planted? $50 \overline{)739}$ (39)</p>
6	<p>The coach needs 20 tennis balls for a tournament. If tennis balls are sold in cans containing 3 balls, how many cans should the coach buy? (7)</p>
7	<p>A total of 100 kids signed up to play soccer at the park. Each team has 8 players. Extra players are substitutes. How many substitutes are there? $8 \overline{)100}$ (4)</p>
8	<p>Maria has \$20 to rent video movies. If it costs \$3 to rent each movie, how many movies can she rent? (6)</p>
9	<p>A teacher needs 739 sheets of paper for a class project. The paper is sold in packs of 50 sheets each. How many packs should the teacher buy? $50 \overline{)739}$ (15)</p>