

Division Problems

1. If you try to put 234 gallons of liquid into 9 vats, with an equal amount in each vat, how much liquid is in each vat?
2. If you try to pour 234 gallons of liquid into buckets each with a capacity of 9 gallons, what is the minimum number of such buckets you need to hold these 234 gallons.
3. Meagan has 15 cookies. She puts 3 cookies in each bag. How many bags can she fill?
4. Megan has 5 bags of cookies. Altogether she has 15 cookies. There are the same number of cookies in each bag. How many cookies are in each bag?
5. Bart has 24 pencils. They are packed 6 pencils to a box. How many boxes of pencils does he have?
6. Bart has 6 boxes of pencils with the same number of pencils in each box. Altogether, he has 24 pencils. How many pencils are in each box?
7. Gene has some tomato plants. There are 6 tomatoes on each plant. Altogether there are 24 tomatoes. How many tomato plants does Gene have?
8. Gene has 4 tomato plants. There are the same number of tomatoes on each plant. Altogether there are 20 tomatoes. How many tomatoes are there on each tomato plant?
9. Jan bought 7 pies. He spent a total of \$28. If each pie costs the same amount, how much does one pie cost?
10. Pies cost \$4 each. How many pies can you buy for \$28?
11. The giraffe is 18 feet tall. The kangaroo is 6 feet tall. The giraffe is how many times taller than the kangaroo?
12. The giraffe is 18 feet tall. She is 3 times as tall as the kangaroo. How tall is the kangaroo?

For the problems in the following pages, write the division as $a = bq + r$.

Division (B)

Find each quotient and the remainder.

$4\overline{)81}$

$4\overline{)81}$

$3\overline{)49}$

$2\overline{)17}$

$7\overline{)70}$

$8\overline{)41}$

$5\overline{)15}$

$8\overline{)48}$

$9\overline{)49}$

$6\overline{)15}$

$5\overline{)38}$

$5\overline{)65}$

$2\overline{)17}$

$6\overline{)41}$

$5\overline{)79}$

$3\overline{)90}$

$4\overline{)78}$

$4\overline{)28}$

$4\overline{)43}$

$5\overline{)59}$

$3\overline{)38}$

$3\overline{)81}$

$7\overline{)61}$

$8\overline{)83}$

$8\overline{)23}$

Division (A)

Find each quotient and the remainder.

$5\overline{)783}$

$6\overline{)719}$

$9\overline{)296}$

$9\overline{)917}$

$2\overline{)158}$

$2\overline{)896}$

$5\overline{)858}$

$8\overline{)966}$

$3\overline{)459}$

$7\overline{)954}$

$3\overline{)673}$

$3\overline{)192}$

$6\overline{)889}$

$9\overline{)661}$

$5\overline{)497}$

$2\overline{)971}$

$3\overline{)538}$

$6\overline{)373}$

$1\overline{)345}$

$1\overline{)621}$

Division (A)

Find each quotient and the remainder.

$$36 \overline{)536}$$

$$43 \overline{)825}$$

$$22 \overline{)912}$$

$$73 \overline{)655}$$

$$48 \overline{)961}$$

$$86 \overline{)309}$$

$$90 \overline{)585}$$

$$93 \overline{)997}$$

$$92 \overline{)298}$$

$$46 \overline{)296}$$

$$81 \overline{)315}$$

$$88 \overline{)789}$$

$$86 \overline{)750}$$

$$11 \overline{)943}$$

$$23 \overline{)540}$$

$$40 \overline{)103}$$