

Name: Key
5th Grade Notes 3.5 Estimate Quotients Using Compatible
Numbers p. 183

REMINDER: "About" means estimate.

-Compatible numbers are numbers that are evenly divisible (no remainders) and are easy to divide in your head.

Ex: $360 \div 4$ is easy because you can divide 36 by 4 in your head with no remainder.

-To estimate quotients, use compatible numbers.

Ex: $365 \div 3$

now
it's easy
to \div in your head
 \downarrow
 $360 \div 3 = 120$

Single digits stay the same. Look at the hundreds and tens places of the bigger number. Ask, "What is the closet number that is evenly divisible by 3?" It's 36. The ones place will become a zero.

Ex: $850 \div 9$

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 $810 \div 9 = 90$ *Always est. lower