

Key

Extra Credit:

In Mr. Johnson's 3rd and 4th period classes, 30% of the students scored a B+ or higher on a quiz. This represents **15 students**. Of the students who scored below a B+, 40% are girls. How many **BOYS** scored below a B+?

$$30\% \geq B+ \quad 15 \text{ students}$$

$$70\% < B+ \quad ? \text{ students}$$

$$15 = (30\%) \text{ Whole}$$

$$\text{Whole} = 50 \text{ students}$$

$$(0.7)(50) = 35 \text{ scored } < B+$$

$$(0.4)(35) = 14 \text{ girls}$$

$$(0.6)(35) = 21 \text{ boys}$$