

4/11

Big Boss = 60 mph
 Silver Cheetah = 90 mph
 Griffin = 30 mph

speed $\frac{\text{dist}}{\text{time}}$
 mph
 unit rate

$\frac{60 \text{ miles}}{60 \text{ min}}$
 $\frac{60 \text{ miles}}{1 \text{ hr}}$
 $\frac{120 \text{ miles}}{2 \text{ hrs}}$

$\frac{120 \text{ miles}}{2 \text{ hrs}}$

1 hr	60 miles	miles
1 hr	60 miles	miles
1 hr	60 miles	miles

more (add)
 times (mult.)

1.5 times
 150% ~~of~~ ~~of~~
 of the BB's speed

60
 90

100% of 60 = 60
 50% of 60 = 30
 90

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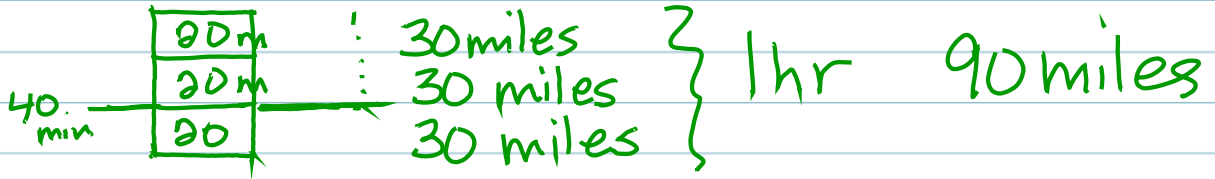
1.5 times
150% ~~of the BB's speed~~
of the BB's speed

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Cumb - Boonés = 60 miles

BB = 1 hr.
SC = 40 min ($\frac{2}{3}$ hr)
G = 2 hrs.



Fuel efficiency

Griffin = 15 mpg
B Bess = 8 mpg
S. Cheetah = 7 mpg

[miles per gallon]

Griffin
 $\frac{60 \text{ miles}}{15}$ [4 gall]

$\frac{60 \text{ miles}}{8}$

BB 60 mile
Cumb-Boon
7 1/2 gall.

S Cheetah
 $\frac{60}{7} = 8 \frac{4}{7}$ gall

