

Wed, 12/1

- Speed problems review
- Velocity
- Print A+C...
- Velocity problems

PHOTOS WORK on DERBY RACERS!

- glasses
- contract
- test

Dec 1-9:30 AM

Speed problems

- UNITS! (Step 4)
- Effort/showing your work (5 STEPS)
- Tricky question - Give it your best shot for maximum points - this may show up on a test; take good notes!

Dec 1-9:42 AM

Problem 6:

$$v = \frac{d}{t}$$

⑥ time for 1st part.

① $v = 15 \text{ mph}$, $d = 70 \text{ miles}$

② t

③ $v = \frac{d}{t}$

④ $15 = \frac{70}{t} \cdot t$

$$\frac{15 \cdot t}{15} = \frac{70}{15}$$

$$t = 4.67 \text{ hours}$$

⑤ ...

time for 2nd part.

① $v = 20 \text{ mph}$, $d = 15 \text{ miles}$

② t

③ $v = \frac{d}{t}$

④ $20 = \frac{15}{t} \cdot t$

$$\frac{20 \cdot t}{20} = \frac{15}{20}$$

$$t = .75 \text{ hours}$$

⑤ ...

Dec 1-9:50 AM

Speed for whole trip:

① $t = 4.67 \text{ hours} + .75 \text{ hours}$, $d = 70 \text{ miles} + 15 \text{ miles}$
 $= 5.42 \text{ hours}$ $= 85 \text{ miles}$

② v

③ $v = \frac{d}{t}$

④ $v = \frac{85}{5.42}$
 $= 15.68 \text{ mph}$

⑤ ...
 $15.68 = \frac{85}{t}$

Dec 1-9:56 AM