A boat traveled 126 kilometers in 4 hours. What was it's average speed for the trip.

rate = distance / time

126 km

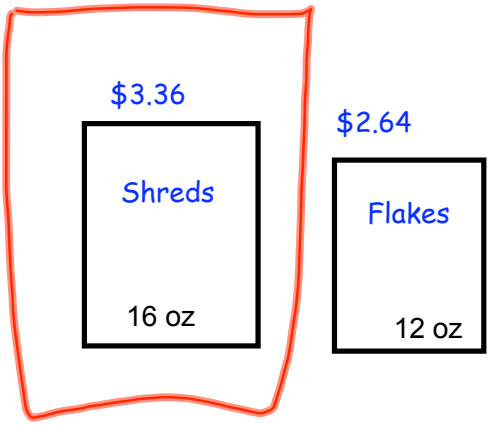
$$R = \frac{126\ km}{4\ hrs}$$

$$= 31.5\ kph$$

Which is a better buy?
Convert both to a unit price.

$\frac{\$3.36}{16} = \frac{0.21\$}{1\ oz}$

$\frac{\$2.64}{12\ oz} = \frac{\$0.22}{1\ oz}$



October 23, 2009

10 mph

8 mph

30 minutes

4 mi

dert formula

(rate means speed)

distance = rate x time

#8 from page 162

$$D = 6.9\frac{k}{h} \times 3h$$

$$D = 20.7\,km$$

page 162 # 7–13

hints

#7) convert all to decimals first.

8) → use DERT

13)

9) find unit cost.

12) ↗