a) Jessica runs for 15 minutes at an average speed of 6 miles per hour. She then runs for 40 minutes at an average speed of 9 miles per hour.		b) Jessica runs for 20 minutes at an average speed of 9 miles per hour. She then runs for 50 minutes at an average speed of 6 miles per hour.	
It takes Amy 45 minutes to run the same total distance that Jessica runs.		It takes Amy 40 minutes to run the same total distance that Jessica runs.	
Work out Amy's average speed. Give your answer in miles per hour.		Work out Amy's average speed. Give your answer in miles per hour.	
How far does Jessica run in the first 15 minutes?	16015hourminsmins661.5milesmilesmiles	How far does Jessica run in the first 15 minutes?	16020hourminsmins993milesmilesmiles
How far does Jessica run in the next 40 minutes?	$\begin{array}{c ccccc} & & & & & & & & & & & \\ \hline 1 & 60 & 20 & 40 \\ \hline hour & mins & mins & mins \\ 9 & 9 & 3 & 6 \\ \hline miles & miles & miles & miles \\ \hline & & & & & & & \\ \hline & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & \\ \hline & & & & & & \\ \hline & & & & & \\ \hline & & & & & & \\ \end{array} $	How far does Jessica run in the next 50 minutes?	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
How far does Amy run in total?	1.5 miles + 6 miles = 7.5 miles	How far does Amy run in total?	
What is Amy's average speed?	4515601minsminsminshour7.52.51010milesmilesmilesmiles10 mph	What is Amy's average speed?	

BACKWARD FADED MATHS

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lessica runs for 10 minutes at an average speed of 9 miles per hour.		Jessica runs for 24 minutes at an average speed of 6 miles per hour.
She then runs for 45 minutes at an average speed of 8 miles per hour.		She then runs for 20 minutes at an average speed of 12 miles per hour.
It takes Amy 40 minutes to run the same total distance that Jessica runs.		It takes Amy 48 minutes to run the same total distance that Jessica runs.
March and America and a		Mark out America eveness an end
Give your answer in miles per hour		Give your answer in miles per hour
dive your answer in innes per nour.		dive your answer in nines per nour.
	6	
How far does	hour mins mins	
Jessica run in the	9 9 1.5	
Inst 15 minutes:	miles miles miles	
	<u>مابن</u>	
How far does		
next 45 minutes?		
next 15 minutes.		
How far does		
Amy run in total?		
What is Amy's		
average speed?		

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