

DISTANCE RATE TIME

7th Grade Algebraic Functions 4.2 Solve multistep problems involving rate, average speed, distance, and time or a direct variation.

Chorus (x2)

'Cause in an instant we'll learn about the distance

$D = R \times T$ with the quickness

You can get this, it's just distance, $D = R \times T$

Verse 1

D is for distance, R is for rate

T is for time, Imma say it one more time

The D is for the distance, R is for the rate, T is for the time

All you gotta do is plug it in, plug it in

What's given to you in the problem?

Just take your time, think about it, never quit

Check out the problem

And see what's given to you, that it's relevant

A car drives at 60 mph for 3 hours on a trip to a lake

Okay, we have a rate, and we know how long it takes

Just multi-multi ply-ply, times by the rate

60 times 3, that gives you 180

Just cancel out the hours

And the miles are the units, you see...see?

I told you how it's done

I bet you never thought math could be fun

But we've only just begun

Chorus (x2)

Verse 2

I bet you didn't know that you could calculate the rate

Yup yup, that's just $R = D$ over T , distance over time

You'll get it every time

The problem's like a lock

And the key is in your mind

Just think and you will find

There's a formula for time, $T = D$ over R

And now let's calculate the speed of a car

But first remember that speed and rate are

The same thing

If D is 100 miles and T is 2 hours

Then R is 50 miles per hour

If D is 100 miles and T is 2 hours

Then R is 50 miles per hour

All we did was divide

And if you R put distance over time

All we did was divide

And if you want R put distance over time

Chorus (x2)

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