

DO NOW

Write an equation or inequality for the following:

1) The sum of twice a number r and 3 is at most 11.

2) Check whether 5 is a solution of the inequality
(Show work)

$$4 + 3p > 19$$

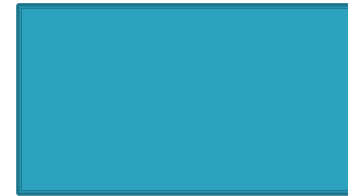
1.5

Problem Solving

What's a formula?

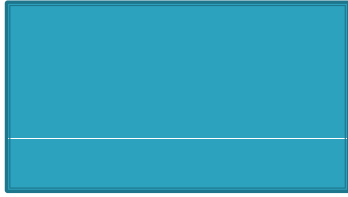
What are some formulas that you know?

Review



Area =

Review



Area =

Distance Formula

$$d = rt$$

Three red arrows point to the variables in the formula: one to d , one to r , and one to t .

Distance Formula

$$d = rt$$

How far have you gone if you traveled at 45 miles per hour for 3 hours?

Distance Formula

$$d = rt$$

Write a simplified expression for the following:

- 1) How far has James travelled if he traveled 60 km per hour for h hours?
- 2) How far has Mimi travelled if she traveled n yards per second if she travelled for 30 seconds?

Distance Formula

$$d = rt$$

Write a simplified expression for the following:

3) How far has Tammy travelled if she traveled 40 miles per hour for $(x+3)$ hours?

4) How far has Ronald travelled if he traveled $5n$ km per minute for 30 minutes?

Fahrenheit to Celsius Formula

$$C = \frac{5}{9}(F - 32)$$

Celsius to Fahrenheit Formula

$$C = \frac{5}{9}(F - 32)$$

5) Convert 95°F to Celsius

Formulas

$$C = \frac{5}{9}(F - 32)$$

Formulas

$$I = Prt$$

Formulas

$$d = rt$$

Formulas

$$P = I - E$$