Name: _____ Date: _____

Nico's Playpark Math



Use the circle formulas, then find a unit rate with fractions. Try the star if you want.

Circumference and area of circles

Use 22/7 for π. A circular playpark court has a radius of 7 feet.



Circumference = 2πr = _____ **ft**

Area = πr^2 = _____ **sq ft**

Unit rates with fractions

Len ran ¾ mile in ½ hour. How many miles per hour is that?

¾ ÷ ½ = _____ **miles per hour**

Picture puzzle

The table shows a proportional relationship for Tater's points. What is the unit rate, points per game?

Games	2	4	6
Points	10	20	30

Unit rate = _____ **points per game**

★ Star challenge (if you want)

A snack costs $40. Len leaves a 15% tip. What is the tip, and what is the total?

Tip = _____ **Total =** _____