

Kingdom of Nuggles

King Bradyskins lives in the King's Palace at (0, 0). He wants to build roads from his palace to each town in the Kingdom.

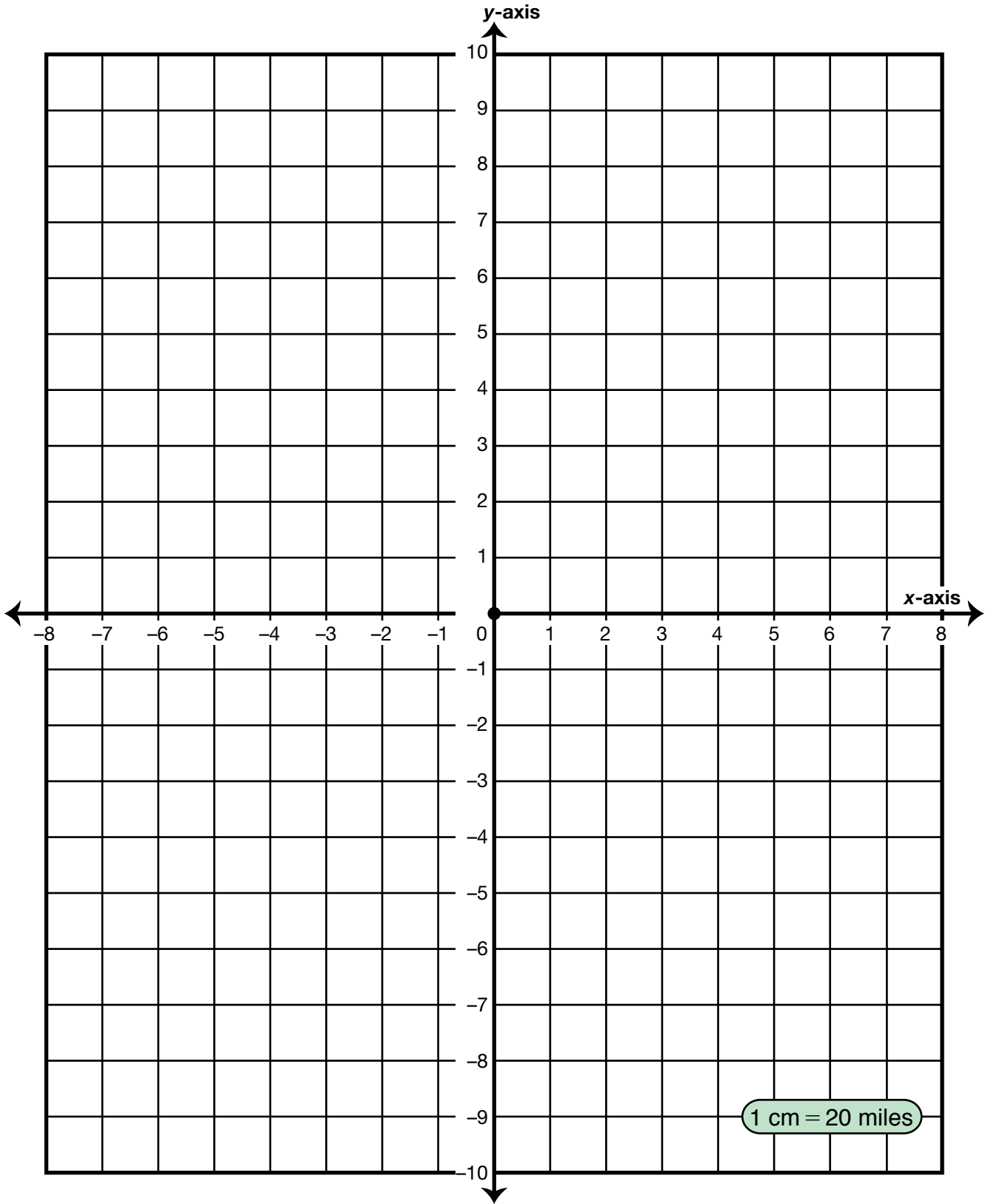
1. Draw a map of the cities in the Land of Nuggles on Four-Quadrant Grid Paper on the Map of the Kingdom of Nuggles section.

Towns in the Kingdom of Nuggles

	City	Coordinates
A.	Adamville	(8, -5)
B.	Bradytown	(-8, -4)
C.	Candyville	(5, 7)
D.	Dodge City	(-2, 10)
E.	Evermore	(4, -6)

2. King Bradyskins wants each road to be a straight line. Draw the roads from the King's Palace to each city.
3. The scale of the map is 1 cm = 20 miles. Estimate the distance between the King's Palace and each town. Include units.
 - A. Adamville
 - B. Bradytown
 - C. Candyville
 - D. Dodge City
 - E. Evermore
 - F. Show or tell how you solved Questions 3E.
4. King Bradyskin's horse and carriage can travel 10 miles per hour. How long will it take him to travel to Candyville?

Map of the Kingdom of Nuggles



Name _____ Date _____

**Kingdom of Nuggles
Feedback Box**

	Expectation	Check In	Comments
Use ratios to solve scale and distance problems. [Q# 3–4]	E3		
Plot points in all four quadrants from ordered pairs. [Q# 1]	E6		

	Yes ...	Yes, but ...	No, but ...	No ...
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking.				